

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
 Data File : BF083526.D
 Acq On : 6 Dec 2015 12:54
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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 12/7/2015 6:33:17 PM

Quant Time: Dec 07 05:14:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	148013	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	579162	20.00	ng	-0.03
38) Acenaphthene-d10	10.43	164	282838	20.00	ng	-0.03
63) Phenanthrene-d10	12.82	188	543617	20.00	ng	-0.03
75) Chrysene-d12	17.03	240	470209	20.00	ng	-0.02
86) Perylene-d12	18.65	264	392434	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	4.00	112	845554	86.67	ng	-0.03
7) Phenol-d6	5.30	99	1102931	82.05	ng	-0.02
23) Nitrobenzene-d5	6.57	82	1041544	84.06	ng	-0.03
41) 2,4,6-Tribromophenol	11.72	330	224880	86.19	ng	-0.03
44) 2-Fluorobiphenyl	9.39	172	1734938	83.20	ng	-0.03
78) Terphenyl-d14	15.46	244	1630242	77.15	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.84	88	215724	42.16	ng	92
3) Pyridine	2.28	79	557954	45.69	ng	98
4) n-Nitrosodimethylamine	2.25	42	261101	42.45	ng	99
6) Aniline	5.29	93	719851	41.14	ng	95
8) 2-Chlorophenol	5.45	128	450951	41.56	ng	98
9) Benzaldehyde	5.13	77	316726	41.10	ng	99
10) Phenol	5.31	94	634612	40.37	ng	87
11) bis(2-Chloroethyl)ether	5.39	93	456082	39.15	ng	98
12) 1,3-Dichlorobenzene	5.65	146	499630	41.52	ng	98
13) 1,4-Dichlorobenzene	5.76	146	504483	41.05	ng	99
14) 1,2-Dichlorobenzene	5.97	146	472973	41.86	ng	99
15) Benzyl Alcohol	5.97	79	409869	43.95	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.16	45	889035	41.16	ng	76
17) 2-Methylphenol	6.17	107	368703	41.17	ng	100
18) Hexachloroethane	6.45	117	182289	42.51	ng	# 87
19) n-Nitroso-di-n-propylamine	6.37	70	387012	43.16	ng	96
20) 3+4-Methylphenols	6.41	107	487300	41.89	ng	95
22) Acetophenone	6.35	105	706213	42.33	ng	# 97
24) Nitrobenzene	6.59	77	560925	41.11	ng	99
25) Isophorone	6.97	82	1013595	42.60	ng	98
26) 2-Nitrophenol	7.07	139	235390	43.72	ng	94
27) 2,4-Dimethylphenol	7.20	122	402231	42.28	ng	99
28) bis(2-Chloroethoxy)methane	7.32	93	568623	42.88	ng	99
29) 2,4-Dichlorophenol	7.47	162	369021	42.95	ng	99
30) 1,2,4-Trichlorobenzene	7.56	180	399141	42.02	ng	99
31) Naphthalene	7.68	128	1297805	42.10	ng	99
32) Benzoic acid	7.48	122	204573	38.69	ng	95
33) 4-Chloroaniline	7.80	127	476019	39.47	ng	95
34) Hexachlorobutadiene	7.88	225	236133	42.07	ng	97
35) Caprolactam	8.41	113	118391	43.33	ng	91
36) 4-Chloro-3-methylphenol	8.64	107	411550	42.57	ng	96
37) 2-Methylnaphthalene	8.77	142	807175	42.34	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	400393	43.05	ng	# 100
40) Hexachlorocyclopentadiene	9.02	237	112628	37.26	ng	99

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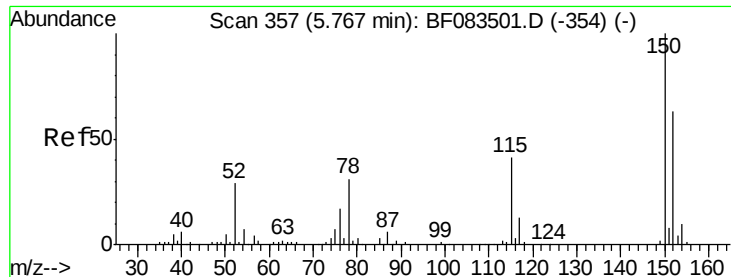
Manual Integrations
 APPROVED

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 12/7/2015 6:33:17 PM

Quant Time: Dec 07 05:14:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	255135	43.69	nq	96
43) 2,4,5-Trichlorophenol	9.33	196	252992	42.06	nq	95
45) 1,1'-Biphenyl	9.54	154	1060466	42.19	nq	99
46) 2-Chloronaphthalene	9.55	162	799214	42.20	nq	99
47) 2-Nitroaniline	9.76	65	301679	44.72	nq	# 82
48) Acenaphthylene	10.20	152	1299295	41.90	nq	100
49) Dimethylphthalate	10.09	163	957860	43.03	nq	98
50) 2,6-Dinitrotoluene	10.17	165	207887	44.35	nq	# 79
51) Acenaphthene	10.49	154	745923	41.80	nq	99
52) 3-Nitroaniline	10.43	138	221299	43.79	nq	86
53) 2,4-Dinitrophenol	10.62	184	92504	42.26	nq	96
54) Dibenzofuran	10.76	168	1042009	42.14	nq	96
55) 4-Nitrophenol	10.81	139	116264	40.85	nq	# 82
56) 2,4-Dinitrotoluene	10.82	165	276516	45.17	nq	# 80
57) Fluorene	11.32	166	903473	42.00	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.00	232	192433	42.77	nq	# 100
59) Diethylphthalate	11.22	149	924345	43.15	nq	100
60) 4-Chlorophenyl-phenylether	11.34	204	428886	41.61	nq	98
61) 4-Nitroaniline	11.42	138	202743	44.28	nq	90
62) Azobenzene	11.61	77	947898	41.47	nq	99
64) 4,6-Dinitro-2-methylphenol	11.48	198	150794	41.61	nq	# 74
65) n-Nitrosodiphenylamine	11.56	169	738249	41.02	nq	99
66) 4-Bromophenyl-phenylether	12.13	248	254681	42.87	nq	94
67) Hexachlorobenzene	12.20	284	263746	41.53	nq	99
68) Atrazine	12.48	200	233139	42.84	nq	97
69) Pentachlorophenol	12.56	266	104405	38.61	nq	96
70) Phenanthrene	12.87	178	1296444	40.97	nq	100
71) Anthracene	12.95	178	1336690	41.42	nq	99
72) Carbazole	13.24	167	1165926	42.07	nq	98
73) Di-n-butylphthalate	13.87	149	1455855	43.62	nq	99
74) Fluoranthene	14.79	202	1349433	43.03	nq	99
76) Benzidine	15.06	184	595177	35.03	nq	97
77) Pyrene	15.14	202	1367921	38.89	nq	99
79) Butylbenzylphthalate	16.28	149	608606	44.00	nq	92
80) Benzo(a)anthracene	17.00	228	1156769	42.05	nq	99
81) 3,3'-Dichlorobenzidine	17.00	252	396887	45.10	nq	97
82) Chrysene	17.06	228	1140250	41.60	nq	99
83) Bis(2-ethylhexyl)phthalate	17.13	149	841961	46.39	nq	# 96
84) Di-n-octyl phthalate	17.89	149	1336755	51.64	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.88	276	814037	34.65	nq	# 100
87) Benzo(b)fluoranthene	18.27	252	917336m	41.62	nq	
88) Benzo(k)fluoranthene	18.31	252	1017039m	45.05	nq	
89) Benzo(a)pyrene	18.60	252	899984	41.98	nq	# 94
90) Dibenzo(a,h)anthracene	19.89	278	685152	33.22	nq	99
91) Benzo(g,h,i)perylene	20.24	276	659445	31.73	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

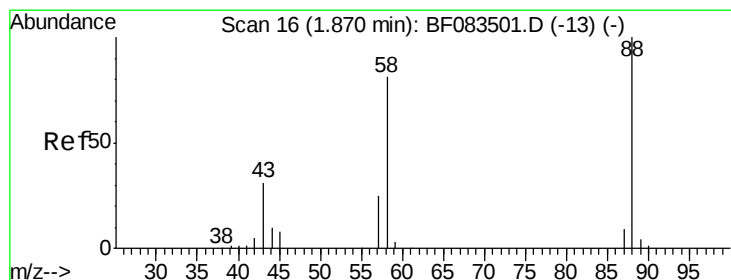
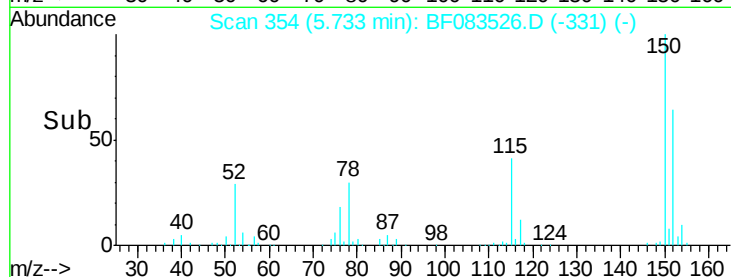
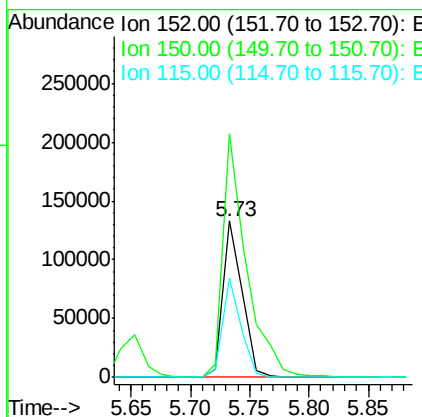
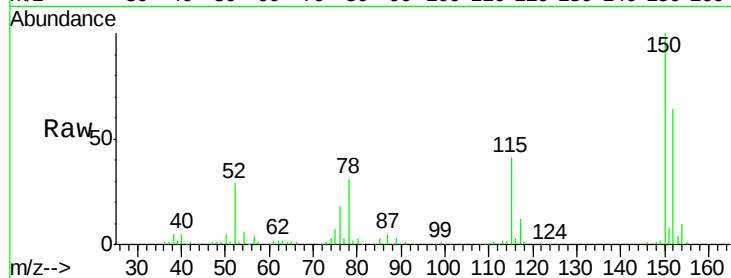
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.73 min Scan# 354
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.5	189.7
115	63.3	52.3	78.5

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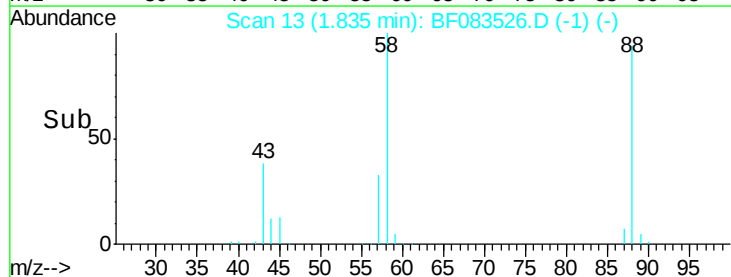
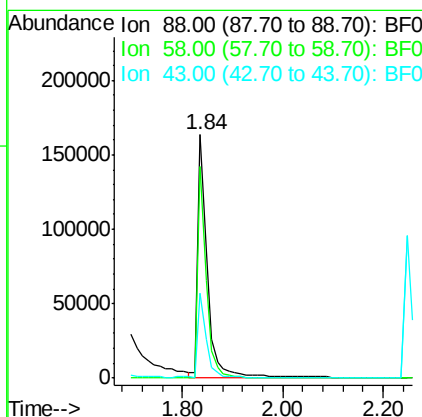
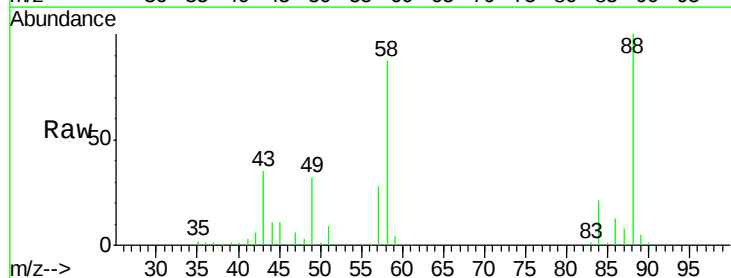
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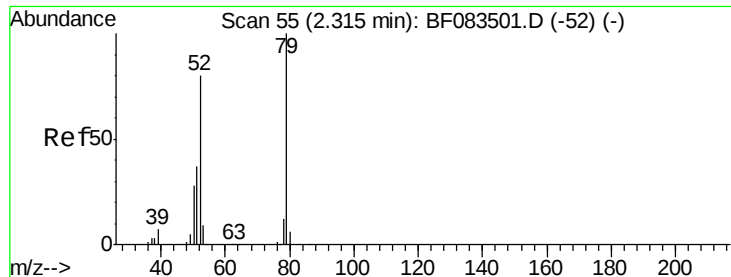


#2

1,4-Dioxane
Concen: 42.16 ng
RT: 1.84 min Scan# 13
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.7	68.0	102.0
43	30.0	27.9	41.9





#3

Pvridine

Concen: 45.69 ng

RT: 2.28 min Scan# 52

Delta R.T. -0.03 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

Instrument :

BNA_F

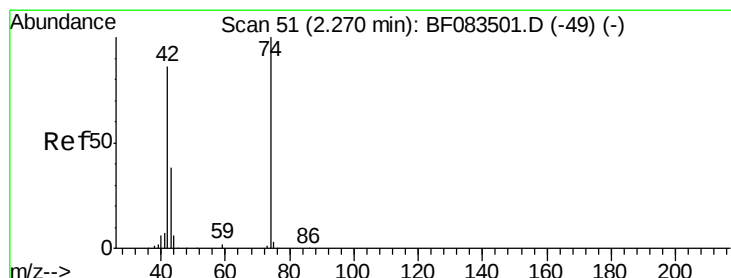
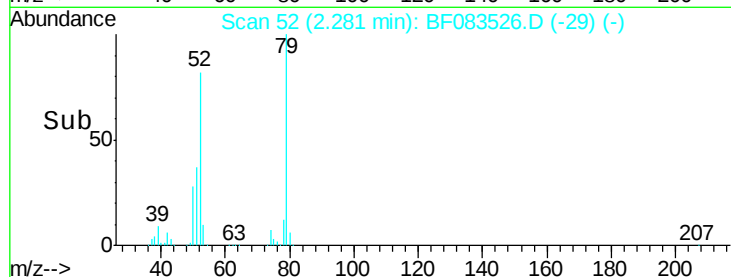
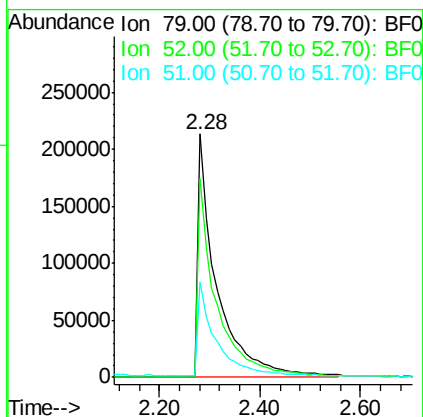
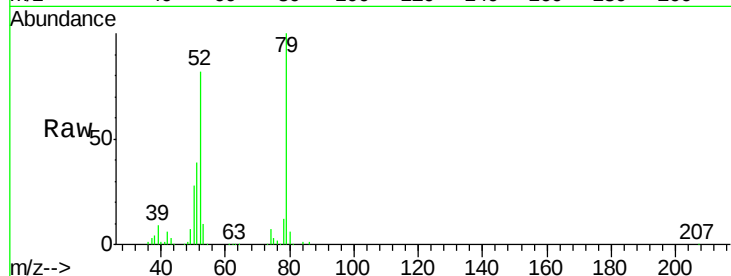
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	557954
Ion Ratio	Lower	Upper	
79	100		
52	81.5	63.7	95.5
51	39.1	30.6	45.8

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#4

n-Nitrosodimethylamine

Concen: 42.45 ng

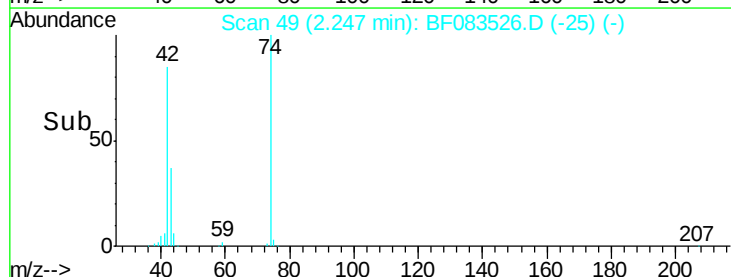
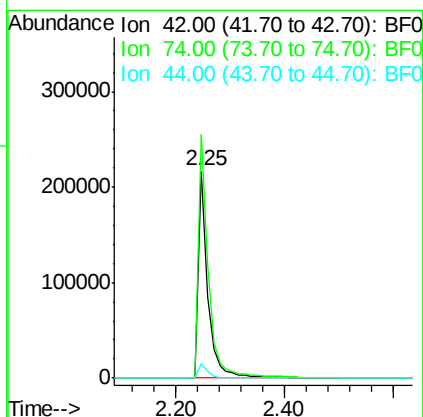
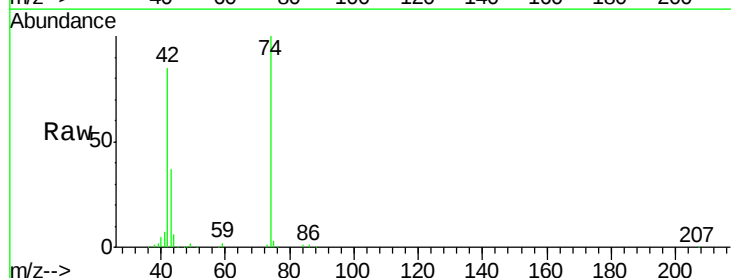
RT: 2.25 min Scan# 49

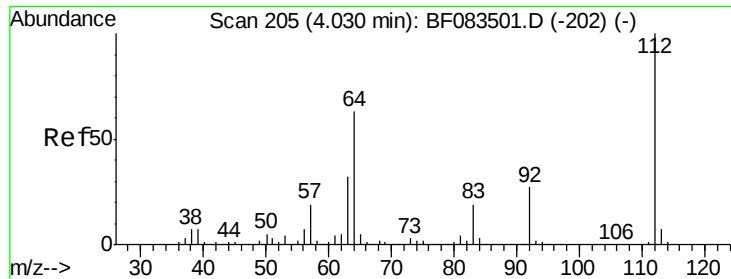
Delta R.T. -0.02 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

Tgt Ion:	42	Resp:	261101
Ion Ratio	Lower	Upper	
42	100		
74	117.7	92.9	139.3
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 86.67 ng

RT: 4.00 min Scan# 202

Delta R.T. -0.03 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

Instrument :

BNA_F

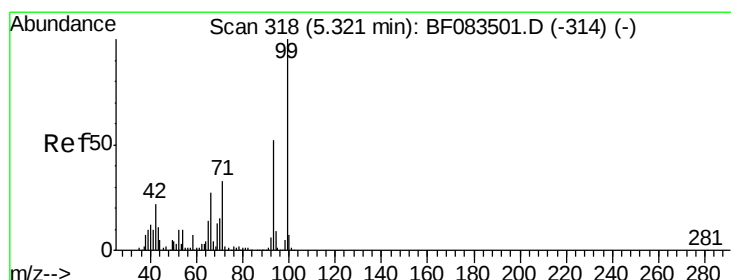
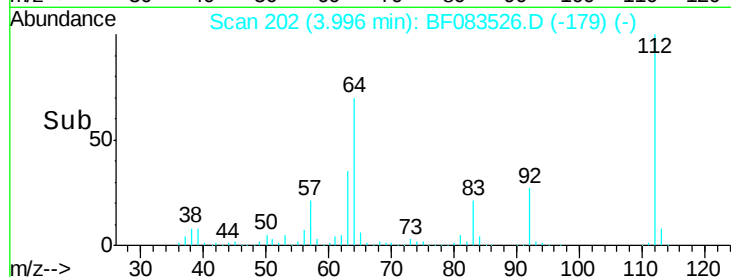
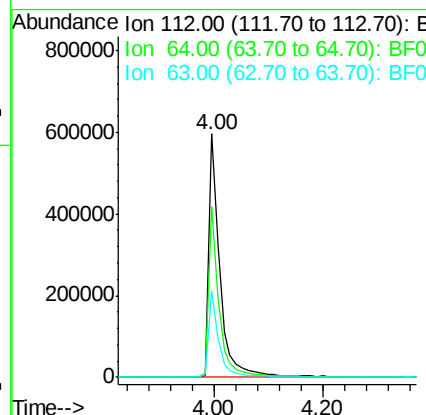
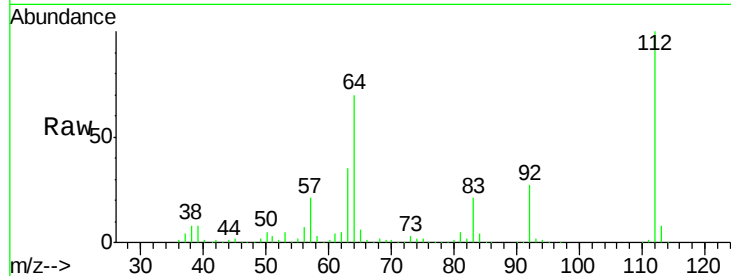
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	845554
Ion Ratio	Lower	Upper	
112	100		
64	70.1	50.5	75.7
63	35.5	25.8	38.6

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#6

Aniline

Concen: 41.14 ng

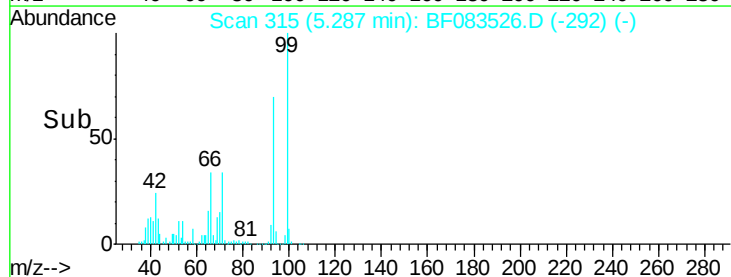
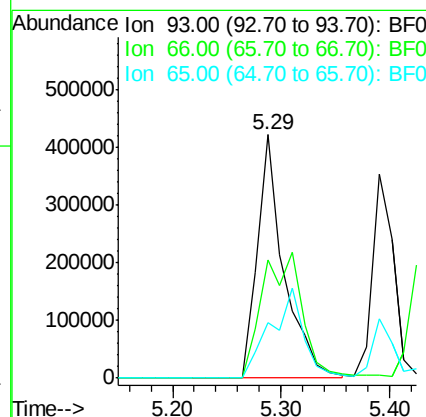
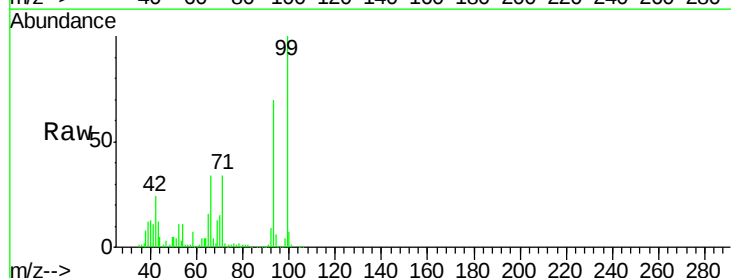
RT: 5.29 min Scan# 315

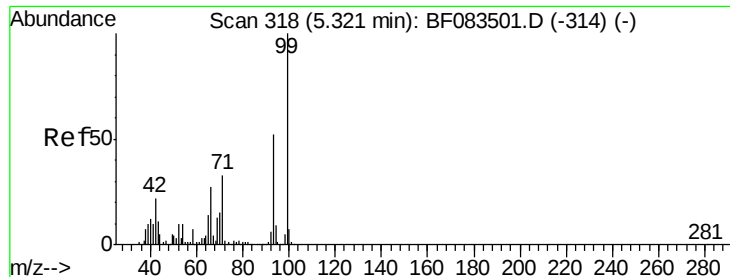
Delta R.T. -0.03 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

Tgt Ion:	93	Resp:	719851
Ion Ratio	Lower	Upper	
93	100		
66	48.7	41.3	61.9
65	22.9	20.8	31.2





#7

Phenol-d6

Concen: 82.05 ng

RT: 5.30 min Scan# 316

Delta R.T. -0.02 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1102931

Ion Ratio Lower Upper

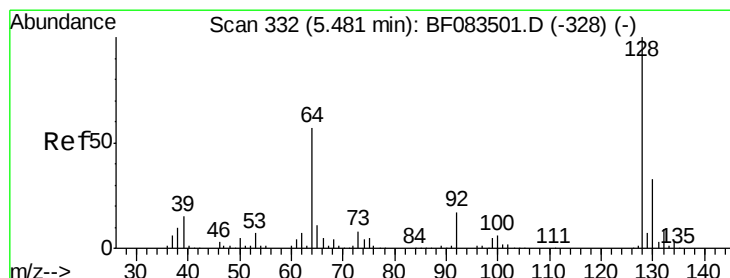
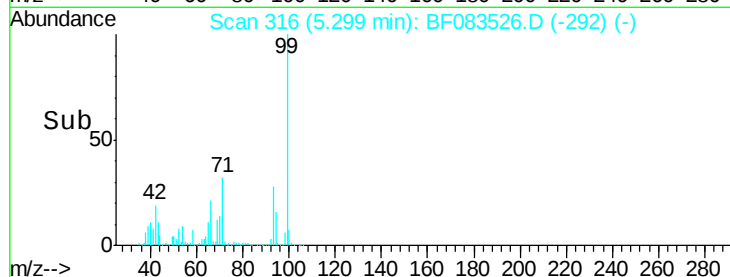
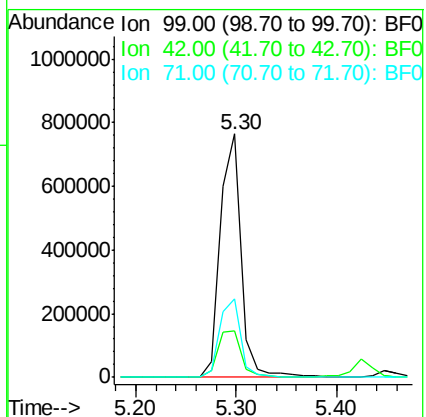
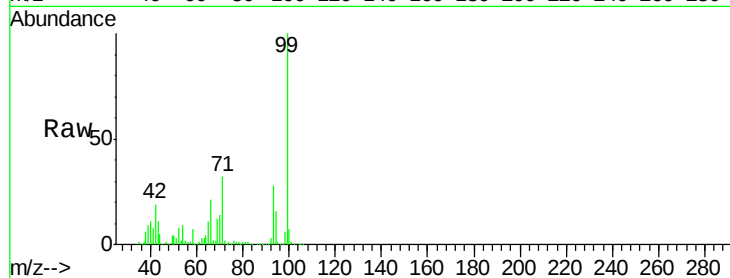
99 100

42 19.4 17.3 25.9

71 32.2 26.6 40.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.56 ng

RT: 5.45 min Scan# 329

Delta R.T. -0.03 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

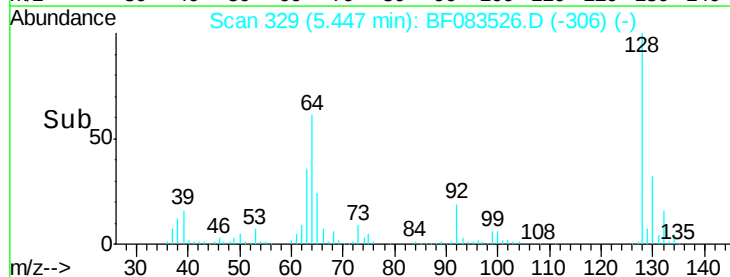
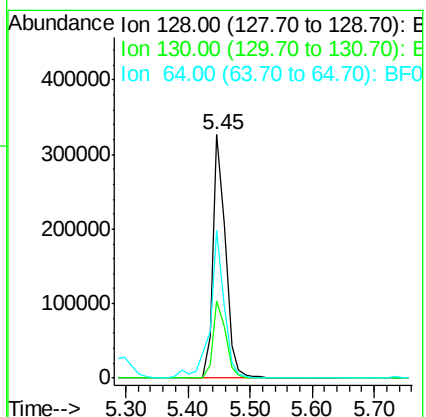
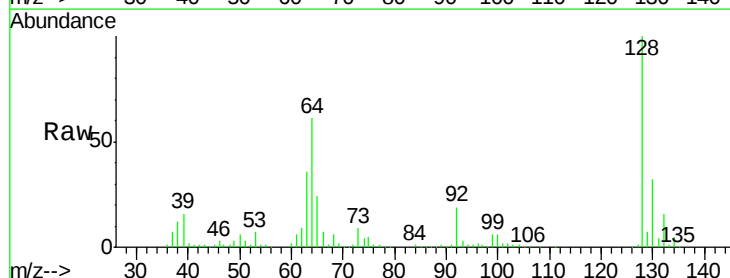
Tgt Ion: 128 Resp: 450951

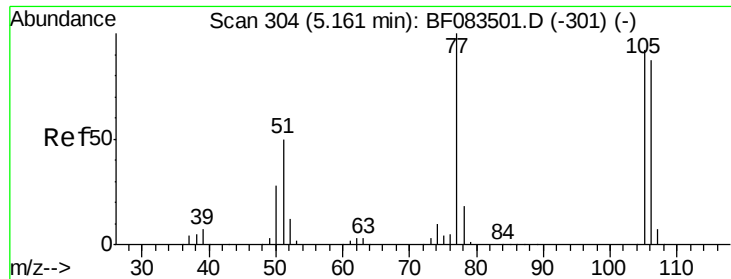
Ion Ratio Lower Upper

128 100

130 31.9 12.6 52.6

64 60.7 38.6 78.6





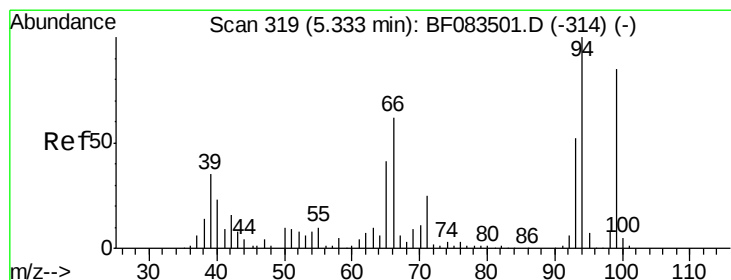
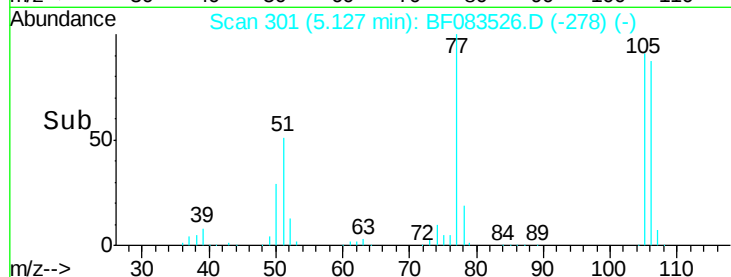
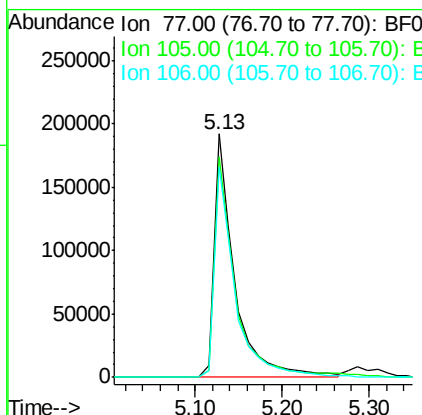
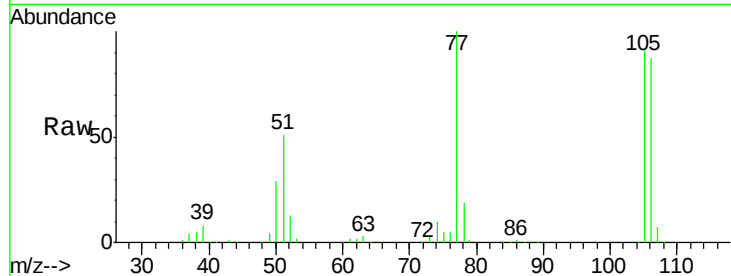
#9
Benzaldehyde
Concen: 41.10 ng
RT: 5.13 min Scan# 301
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.7	71.8	111.8
106	86.6	66.8	106.8

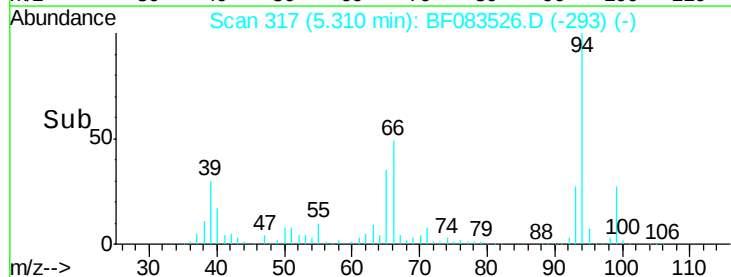
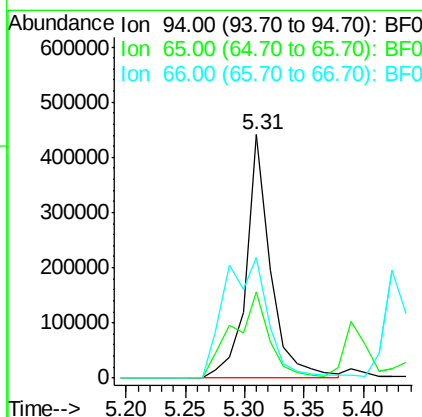
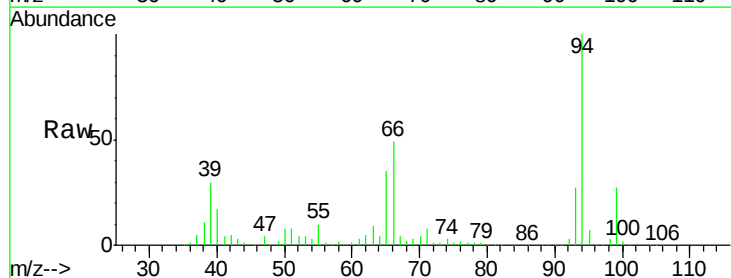
Manual Integrations
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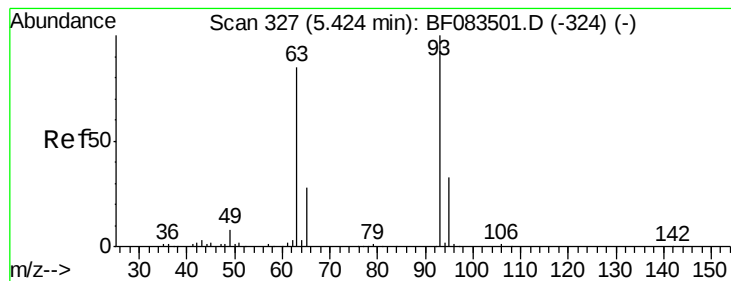
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#10
Phenol
Concen: 40.37 ng
RT: 5.31 min Scan# 317
Delta R.T. -0.02 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.4	20.9	60.9
66	49.4	41.6	81.6





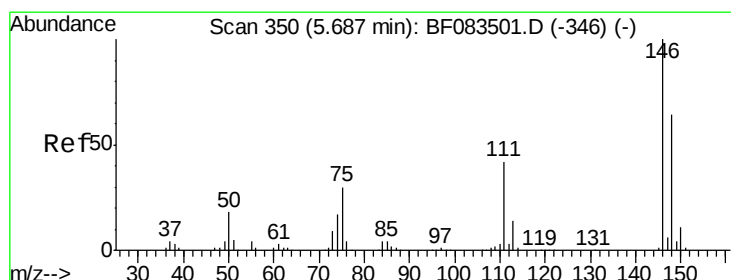
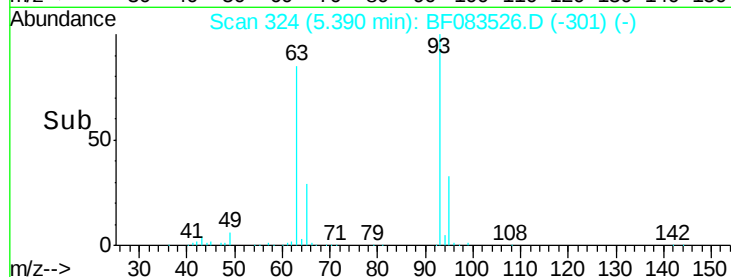
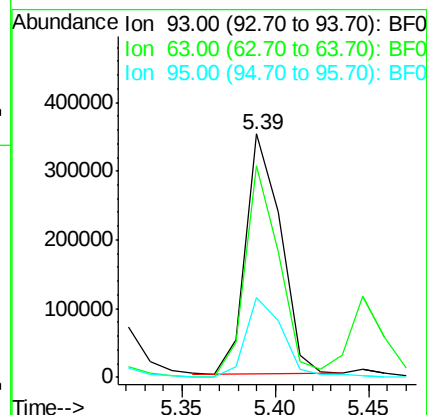
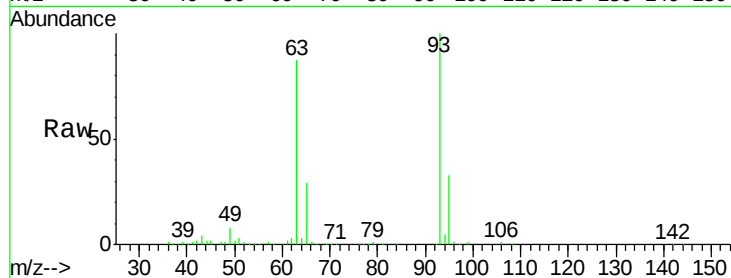
#11
bis(2-Chloroethyl)ether
Concen: 39.15 ng
RT: 5.39 min Scan# 324
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.0	64.7	104.7
95	33.0	12.7	52.7

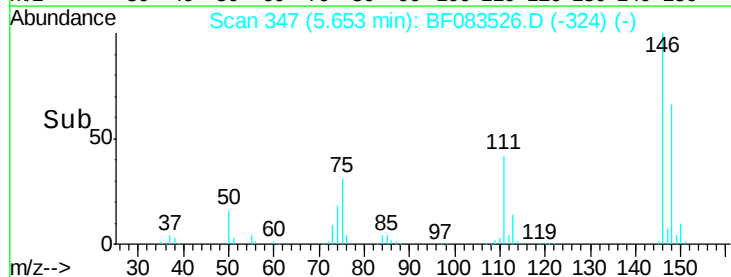
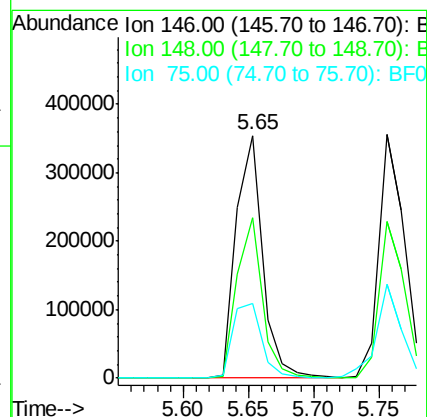
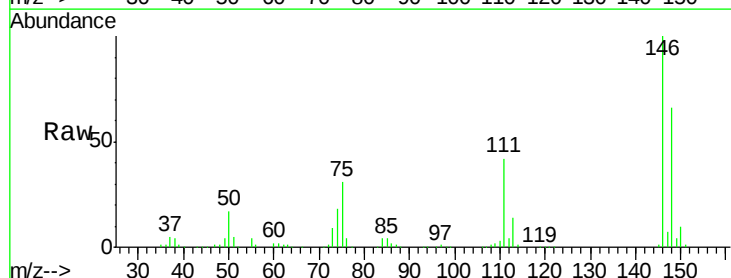
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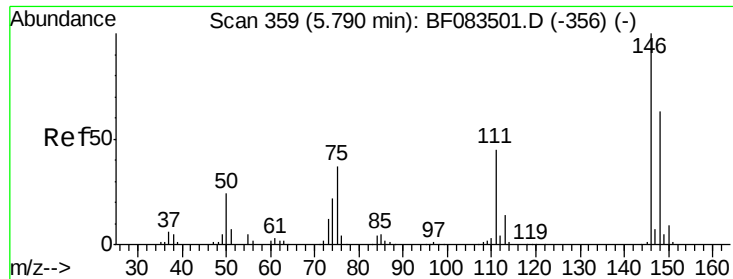
Mmdadoda
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#12
1,3-Dichlorobenzene
Concen: 41.52 ng
RT: 5.65 min Scan# 347
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.3	76.9
75	30.6	24.1	36.1





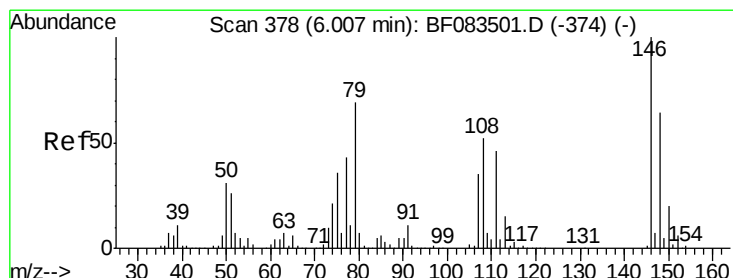
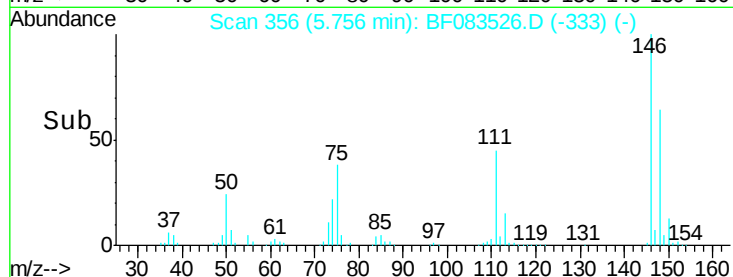
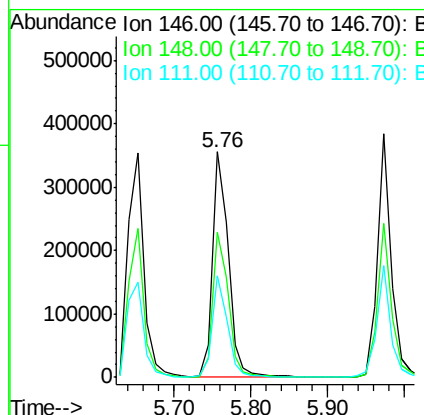
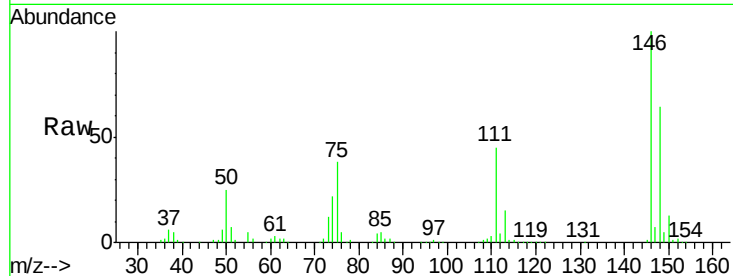
#13
 1,4-Dichlorobenzene
 Concen: 41.05 ng
 RT: 5.76 min Scan# 356
 Delta R.T. -0.03 min
 Lab File: BF083526.D
 Acq: 6 Dec 2015 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	76.0
111	44.9	36.1	54.1

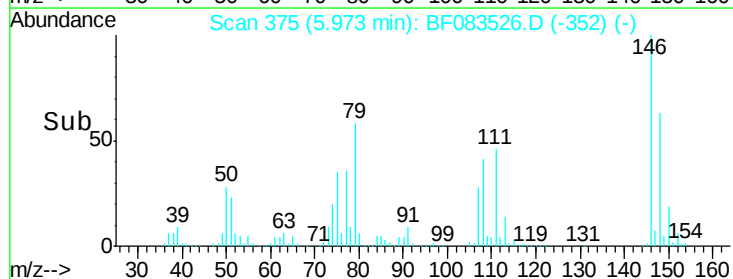
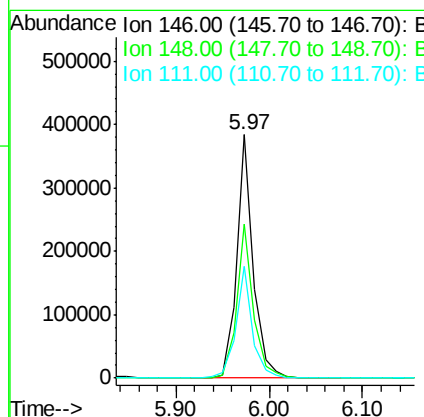
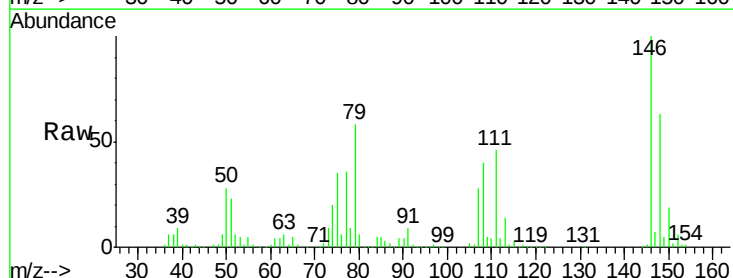
Manual Integrations
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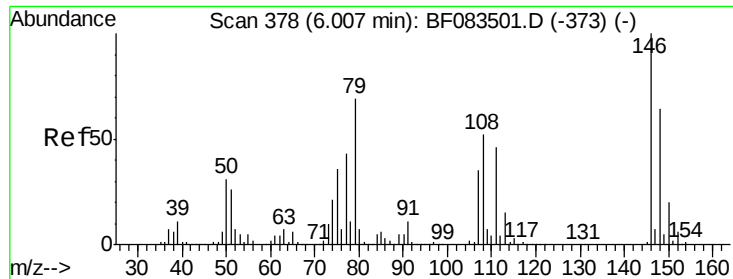
Mmdadoda
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#14
 1,2-Dichlorobenzene
 Concen: 41.86 ng
 RT: 5.97 min Scan# 375
 Delta R.T. -0.03 min
 Lab File: BF083526.D
 Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
111	45.8	36.7	55.1





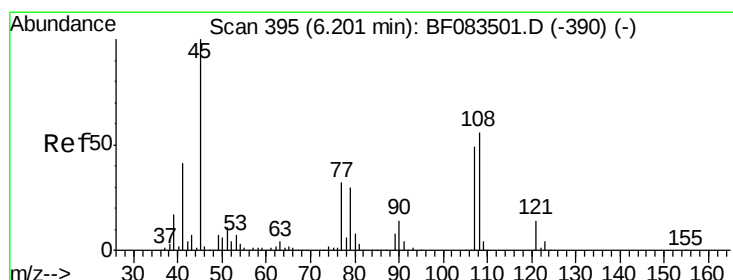
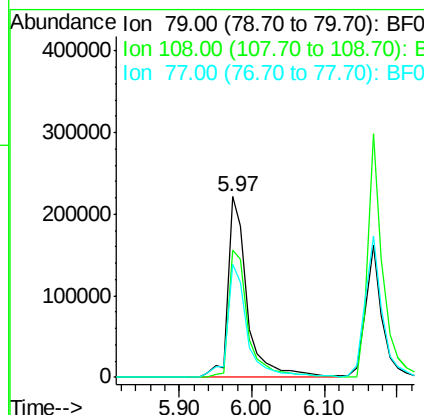
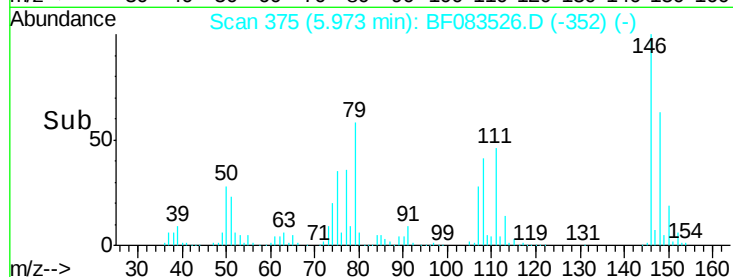
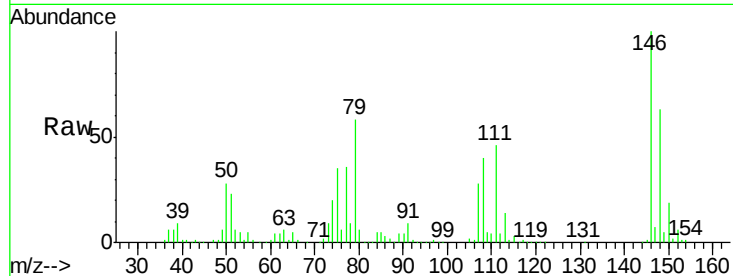
#15
Benzyl Alcohol
Concen: 43.95 ng
RT: 5.97 min Scan# 375
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.1	59.6	89.4
77	62.4	49.8	74.6

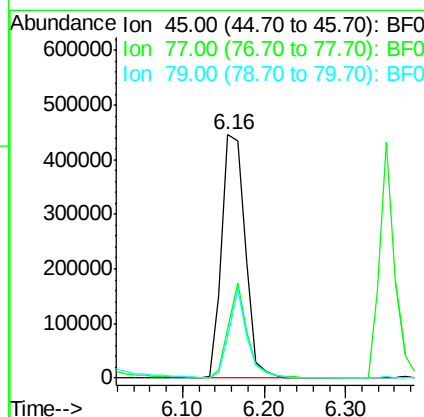
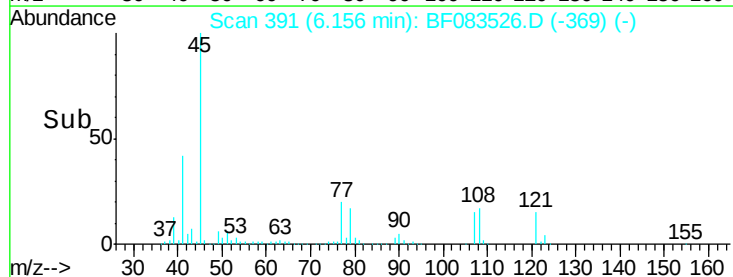
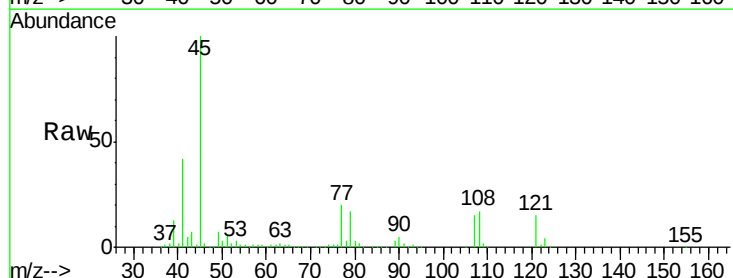
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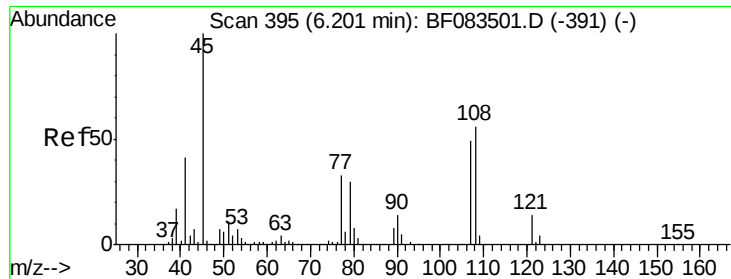
Mmdadoda
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.16 ng
RT: 6.16 min Scan# 391
Delta R.T. -0.05 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.0	12.8	52.8
79	16.9	10.7	50.7





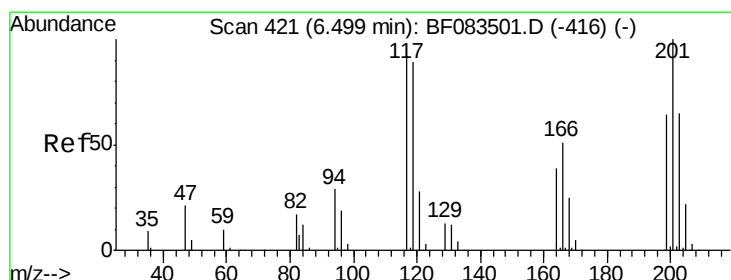
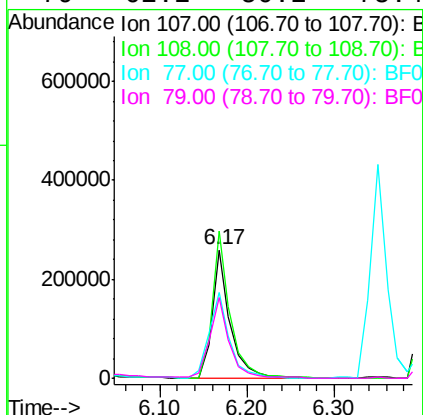
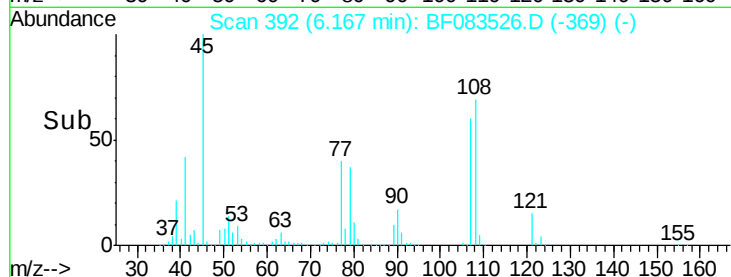
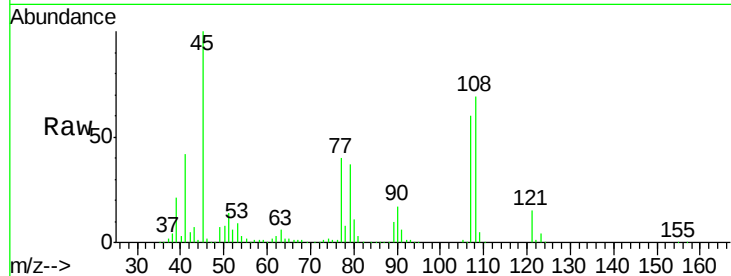
#17
2-Methylphenol
Concen: 41.17 ng
RT: 6.17 min Scan# 392
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		368703		
108	114.8	91.6	137.4		
77	66.6	53.7	80.5		
79	62.2	50.2	75.4		

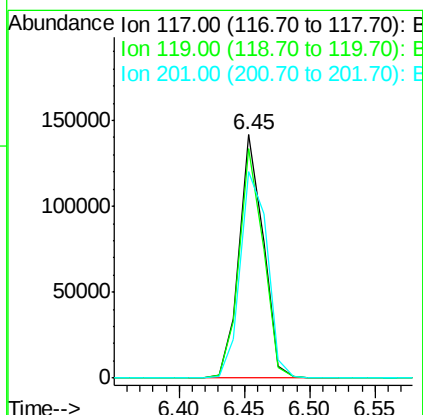
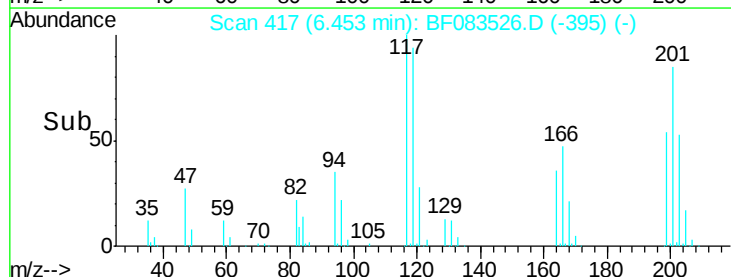
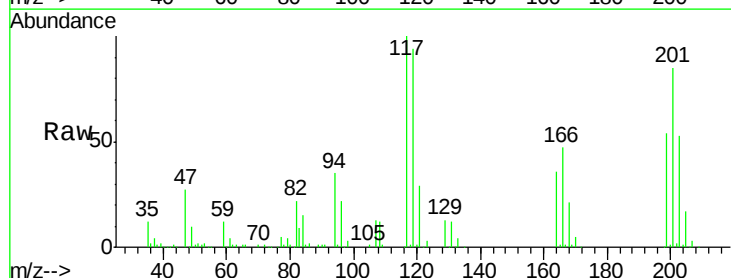
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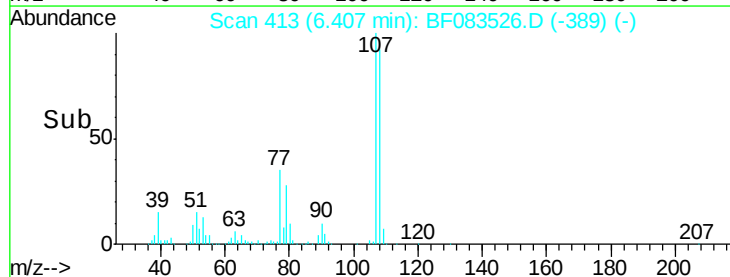
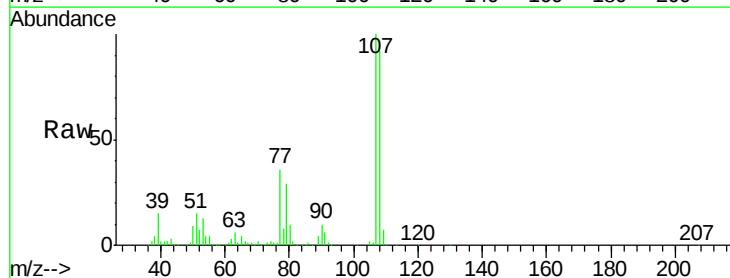
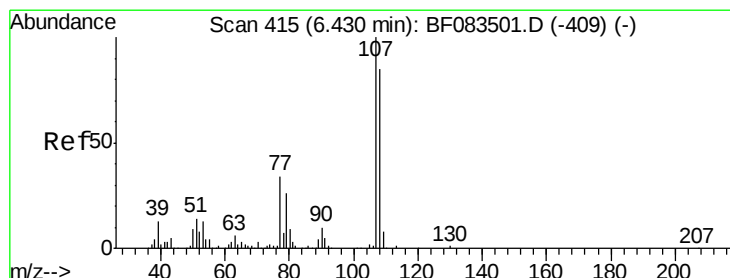
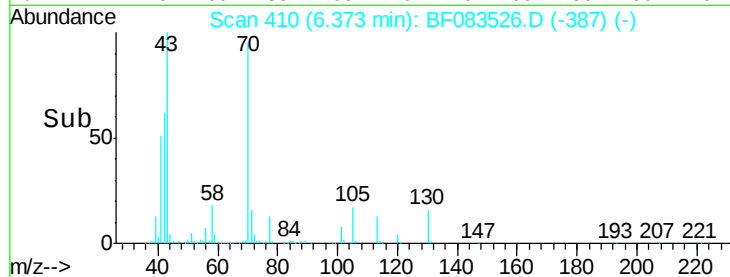
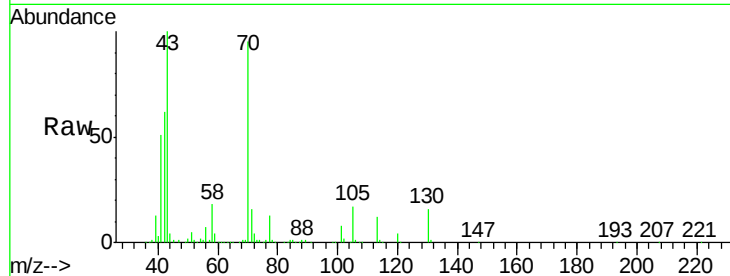
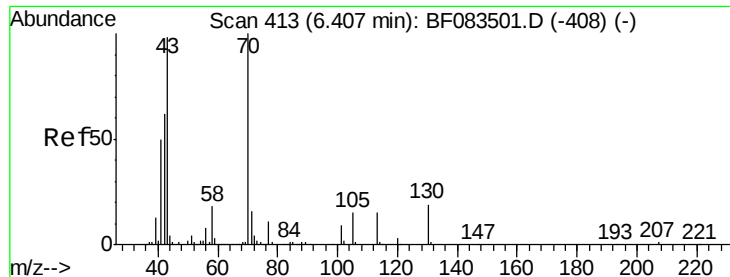
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#18
Hexachloroethane
Concen: 42.51 ng
RT: 6.45 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		182289		
119	94.4	77.2	115.8		
201	84.7	86.8	130.2#		





#19

n-Nitroso-di-n-propylamine

Concen: 43.16 ng

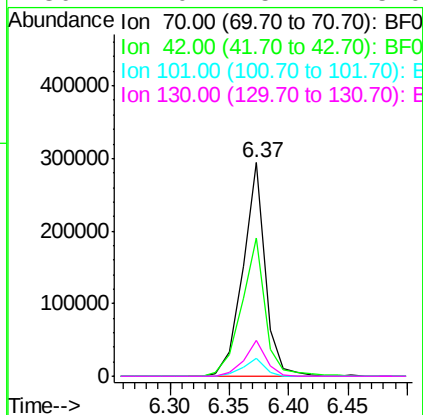
RT: 6.37 min Scan# 410

Delta R.T. -0.03 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		387012		
42	64.9	49.2	73.8		
101	8.4	7.1	10.7		
130	17.0	15.4	23.0		



Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

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#20

3+4-Methylphenols

Concen: 41.89 ng

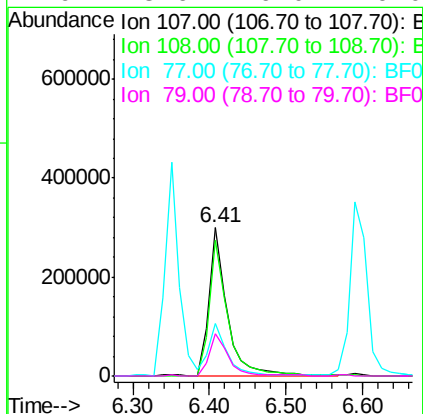
RT: 6.41 min Scan# 413

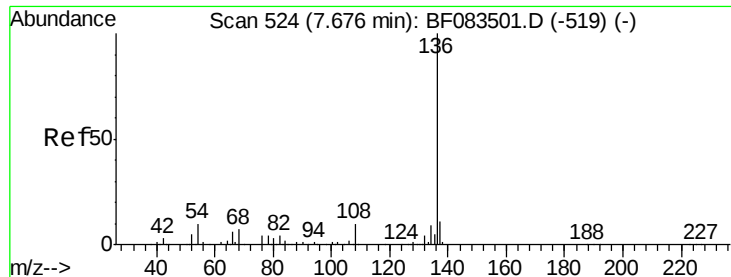
Delta R.T. -0.02 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		487300		
108	91.9	65.2	105.2		
77	35.8	15.2	55.2		
79	28.6	6.0	46.0		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 521

Delta R.T. -0.03 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

Instrument :

BNA_F

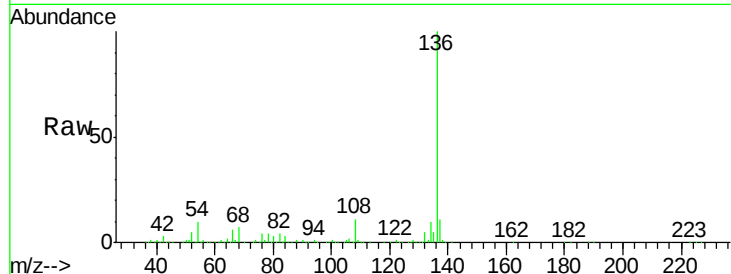
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		579162		
137	10.9		8.7	13.1	
54	10.0		7.8	11.6	
68	6.7		5.7	8.5	

Manual Integrations
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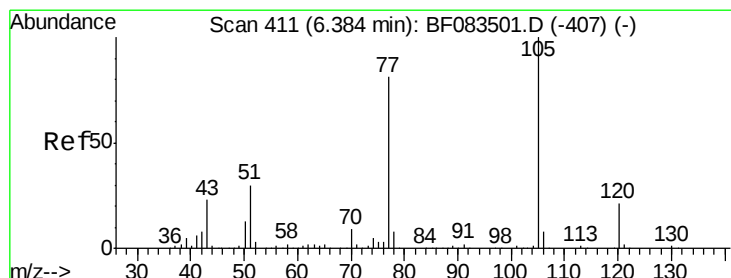
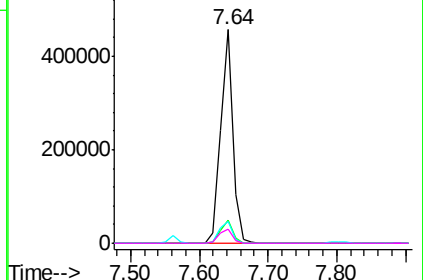
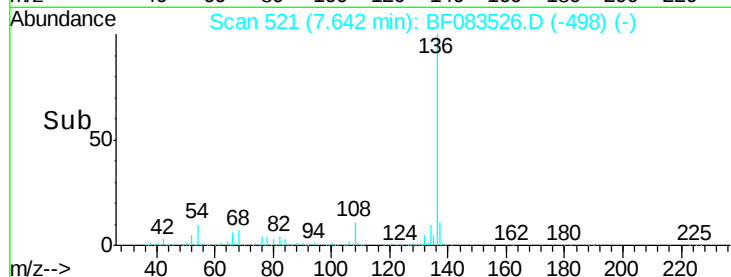


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.33 ng

RT: 6.35 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

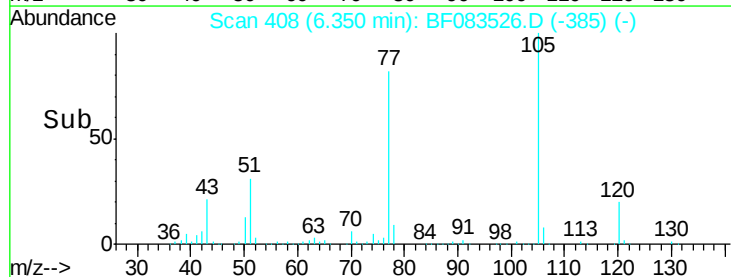
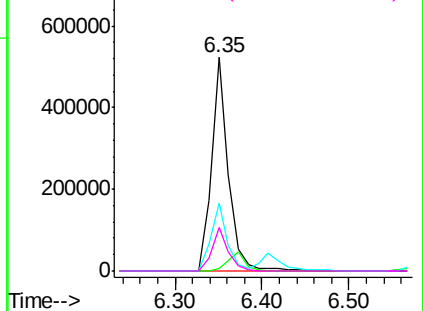
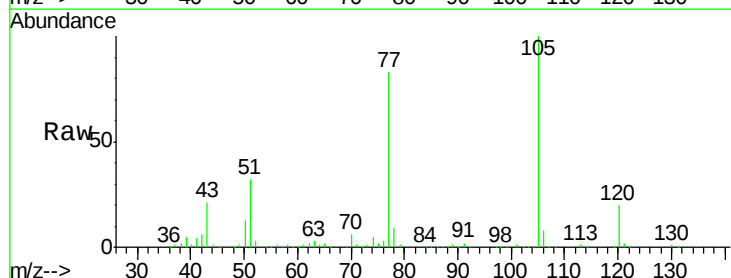
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		706213		
71	1.0		1.3	1.9#	
51	31.7		23.8	35.8	
120	20.3		16.7	25.1	

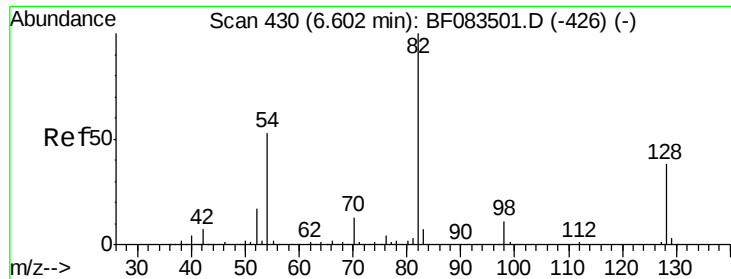
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





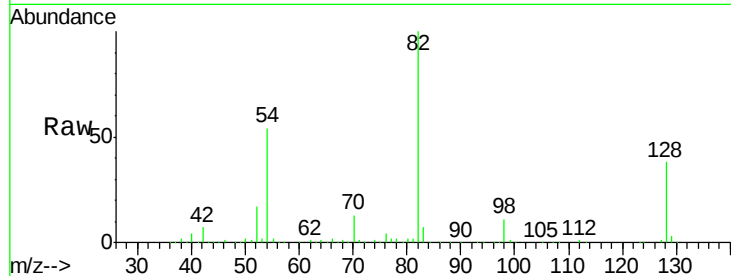
#23
 Nitrobenzene-d5
 Concen: 84.06 ng
 RT: 6.57 min Scan# 427
 Delta R.T. -0.03 min
 Lab File: BF083526.D
 Acq: 6 Dec 2015 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

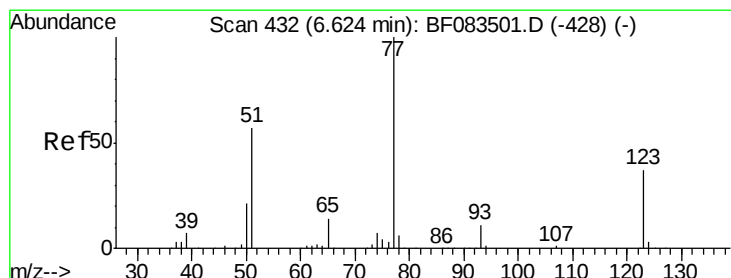
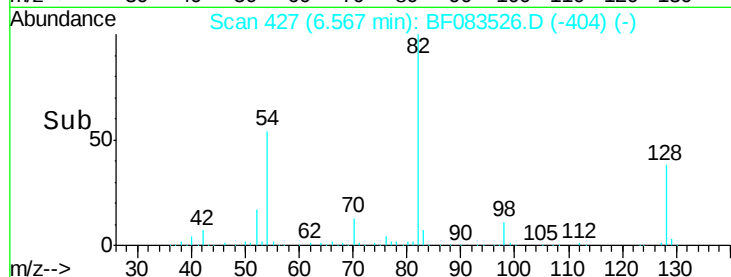
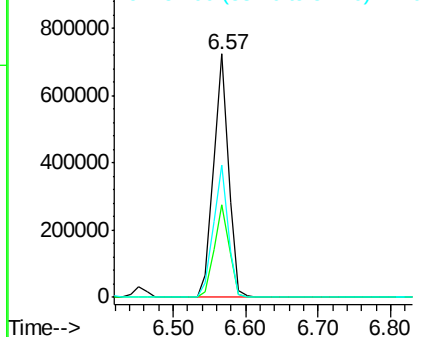
Tot Ion: 82 Resp: 1041544
 Ion Ratio Lower Upper
 82 100
 128 38.0 30.7 46.1
 54 54.1 42.5 63.7

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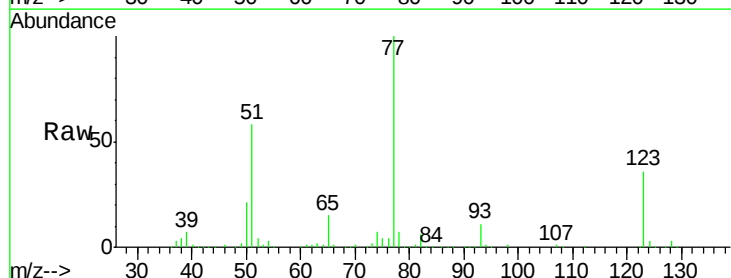


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

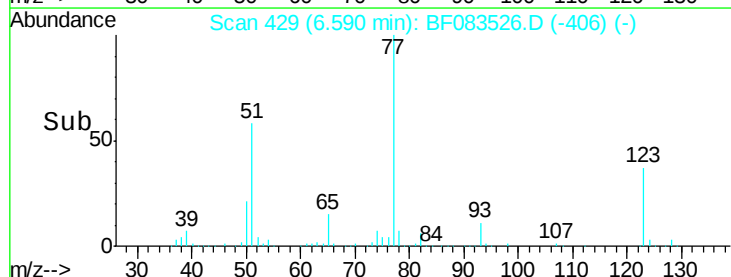
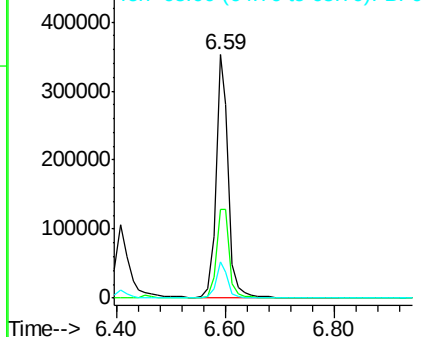


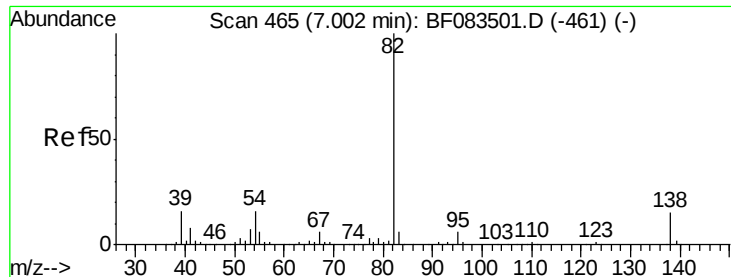
#24
 Nitrobenzene
 Concen: 41.11 ng
 RT: 6.59 min Scan# 429
 Delta R.T. -0.03 min
 Lab File: BF083526.D
 Acq: 6 Dec 2015 12:54

Tgt Ion: 77 Resp: 560925
 Ion Ratio Lower Upper
 77 100
 123 36.5 29.8 44.6
 65 14.7 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.60 ng

RT: 6.97 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1013595

Ion Ratio Lower Upper

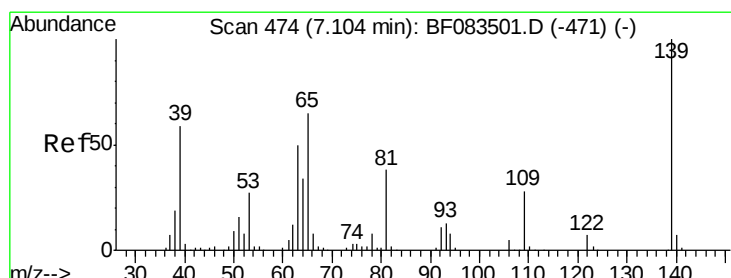
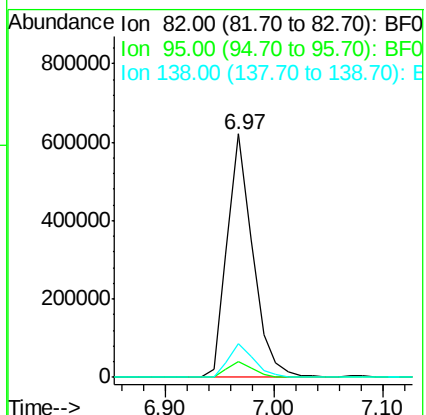
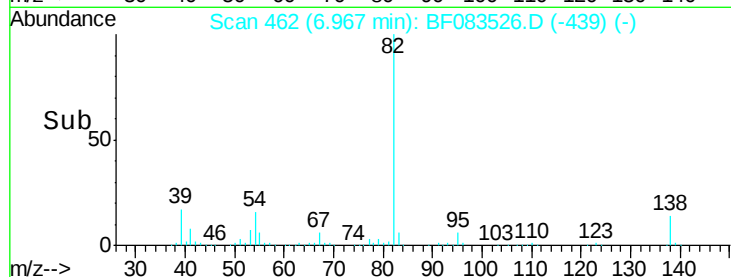
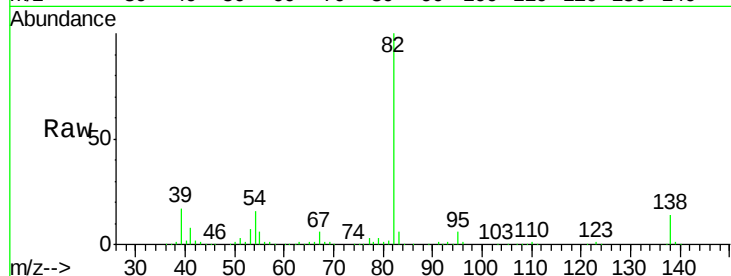
82 100

95 6.5 5.0 7.4

138 14.0 12.1 18.1

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#26

2-Nitrophenol

Concen: 43.72 ng

RT: 7.07 min Scan# 471

Delta R.T. -0.03 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

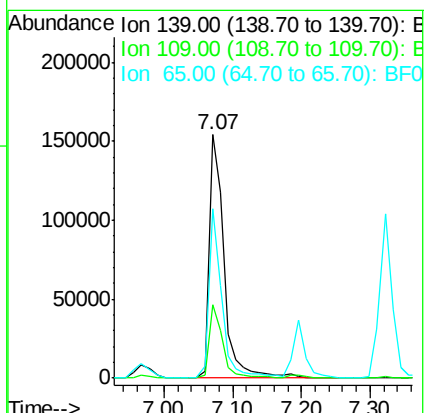
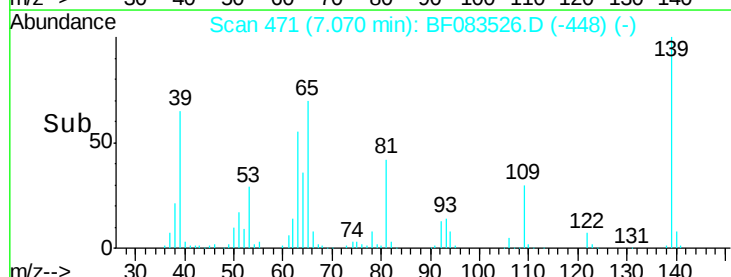
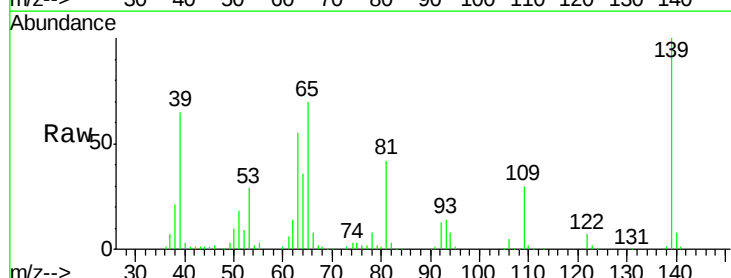
Tgt Ion: 139 Resp: 235390

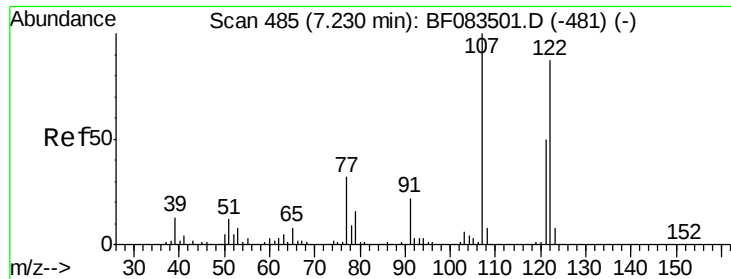
Ion Ratio Lower Upper

139 100

109 30.4 22.7 34.1

65 69.8 51.8 77.8





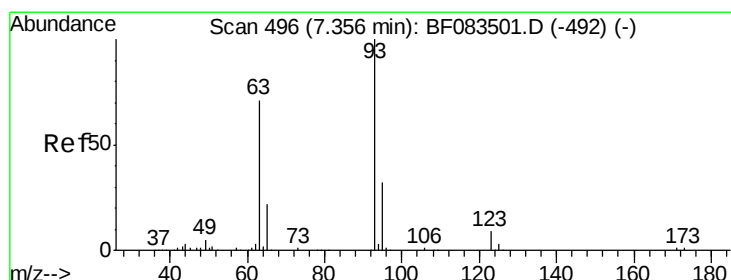
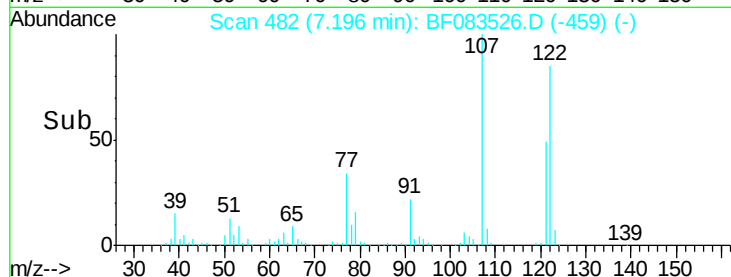
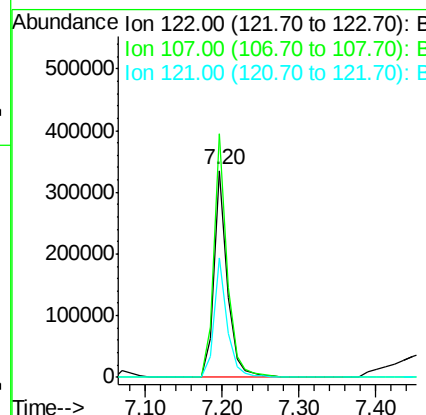
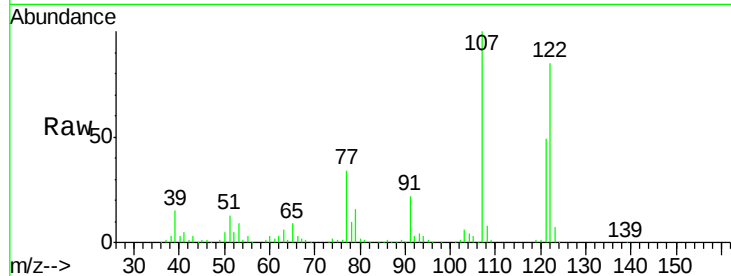
#27
2,4-Dimethylphenol
Concen: 42.28 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	402231		
107	117.6	92.4	138.6	
121	57.5	45.8	68.6	

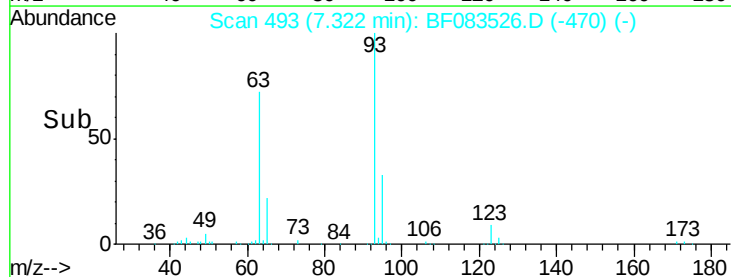
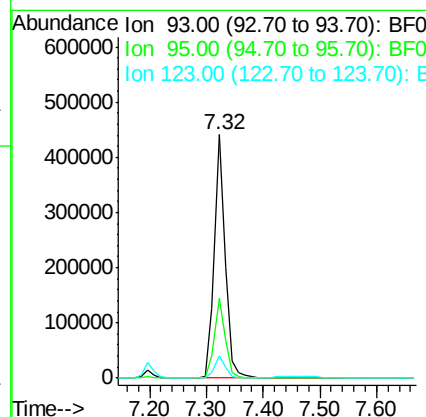
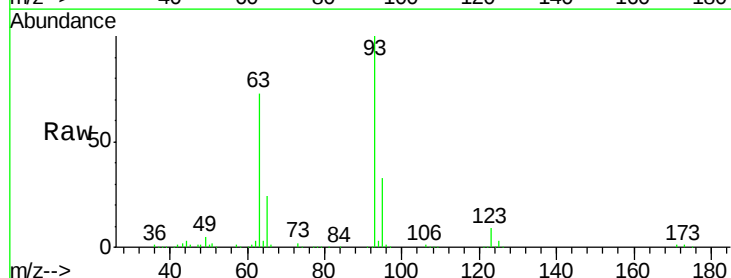
Manual Integrations
APPROVED

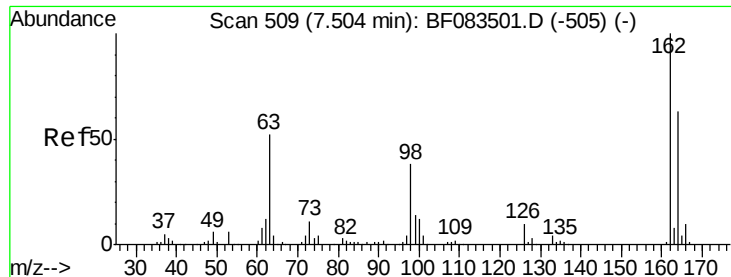
Mmdadoda
12/7/2015 6:33:17 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.88 ng
RT: 7.32 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	568623		
95	32.6	25.6	38.4	
123	9.4	7.3	10.9	





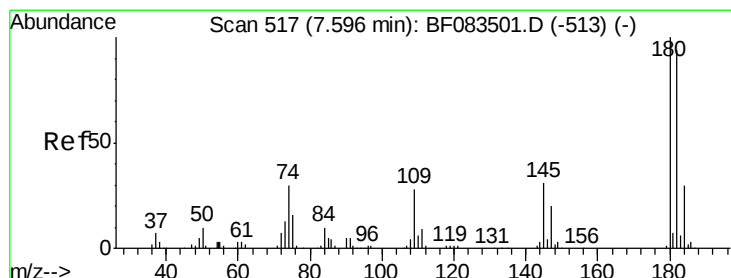
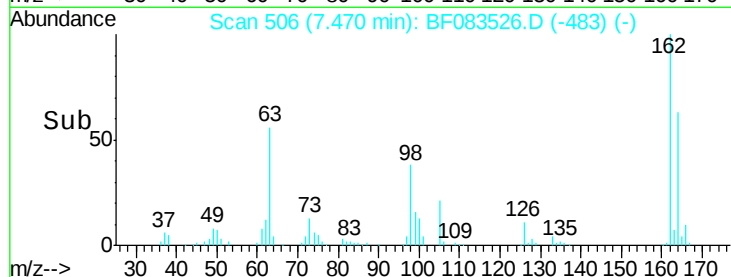
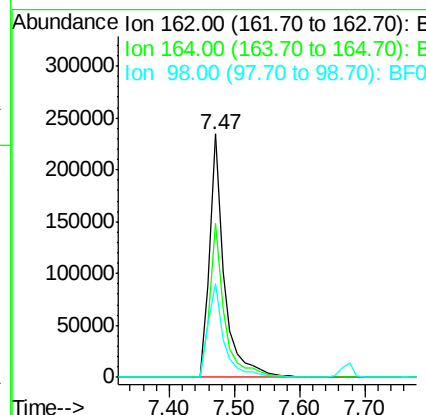
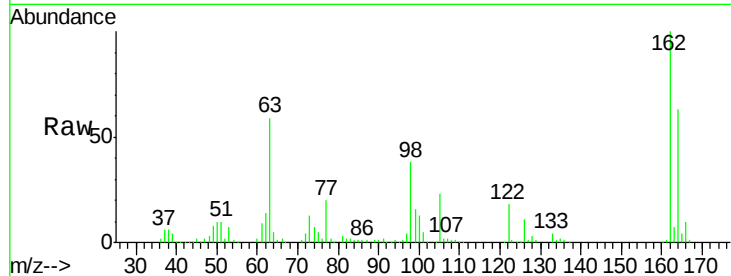
#29
2,4-Dichlorophenol
Concen: 42.95 ng
RT: 7.47 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		369021		
164	63.5	43.4	83.4		
98	38.3	17.5	57.5		

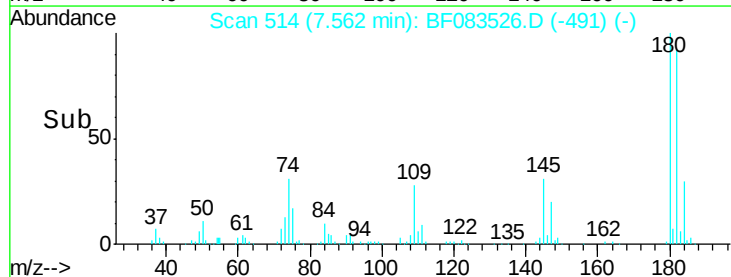
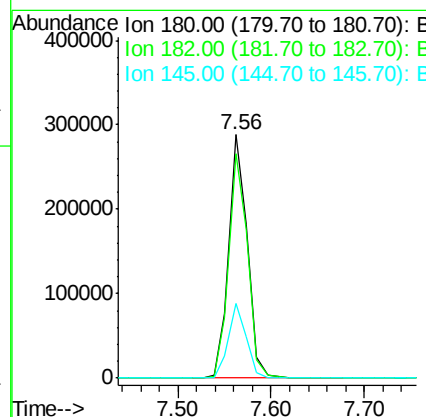
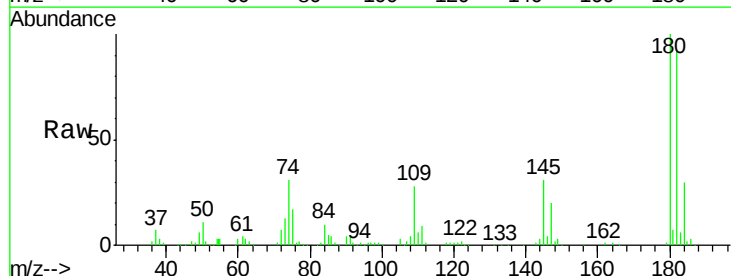
Manual Integrations
APPROVED

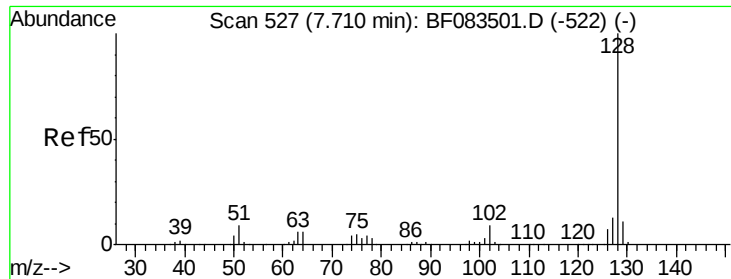
Mmdadoda
12/7/2015 6:33:17 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.02 ng
RT: 7.56 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		399141		
182	92.1	74.9	112.3		
145	30.6	24.7	37.1		





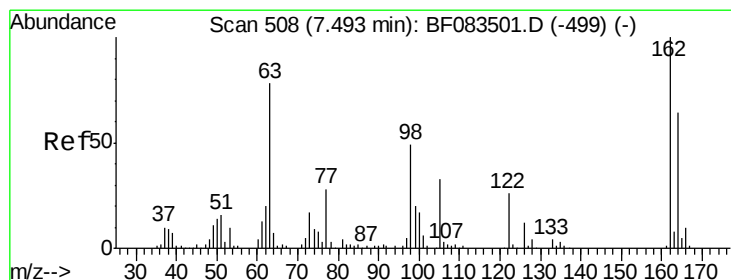
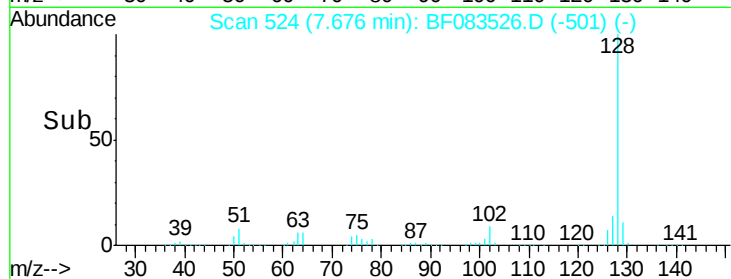
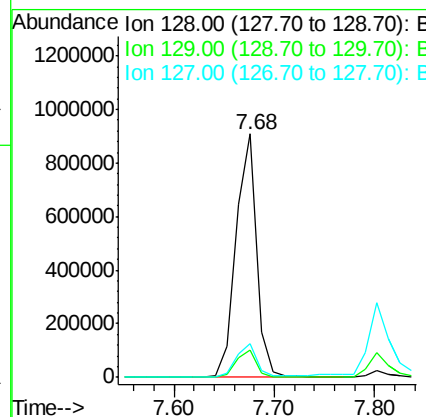
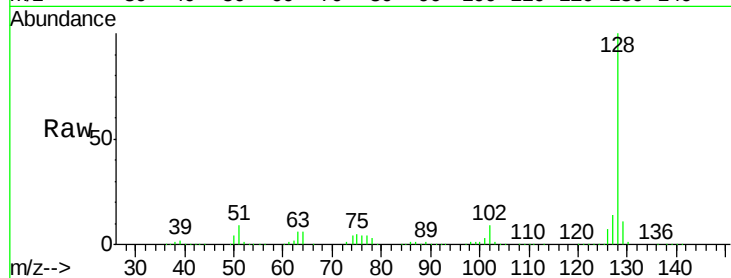
#31
Naphthalene
Concen: 42.10 ng
RT: 7.68 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	13.0
127	13.7	10.6	16.0

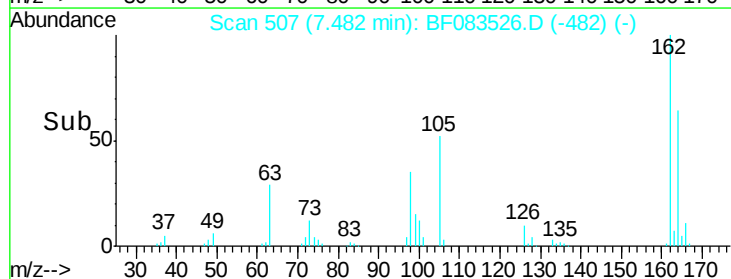
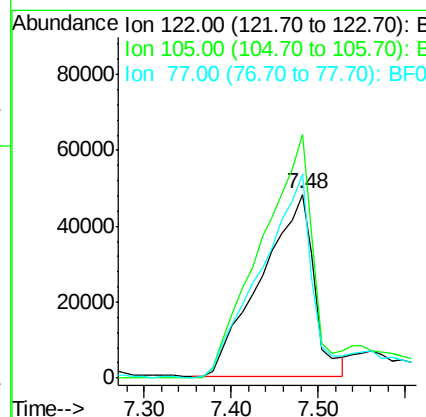
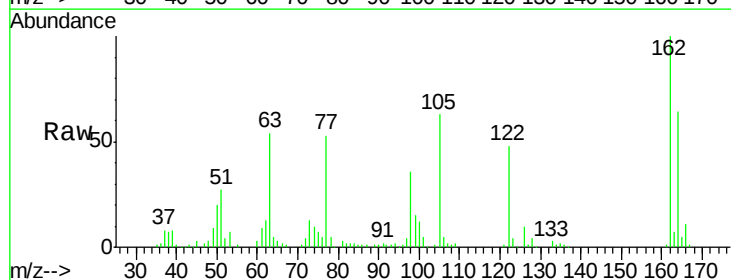
Manual Integrations
APPROVED

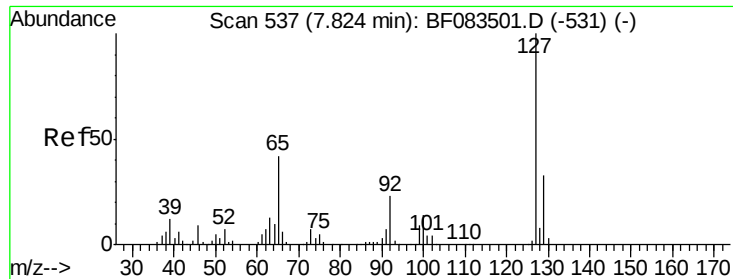
Mmdadoda
12/7/2015 6:33:17 PM



#32
Benzoic acid
Concen: 38.69 ng
RT: 7.48 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.7	105.6	145.6
77	110.8	86.8	126.8





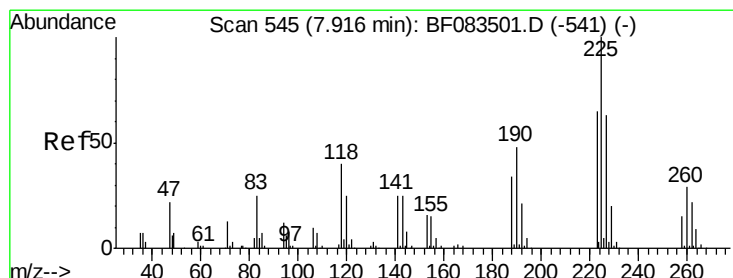
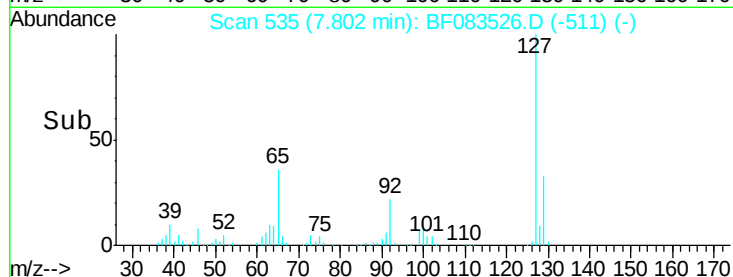
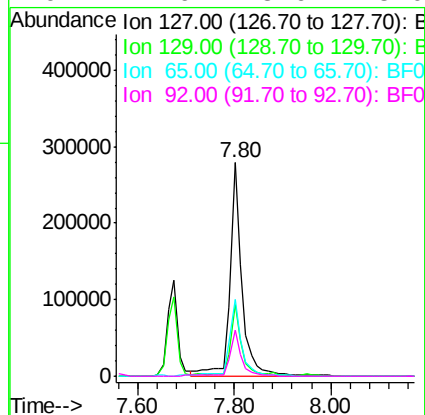
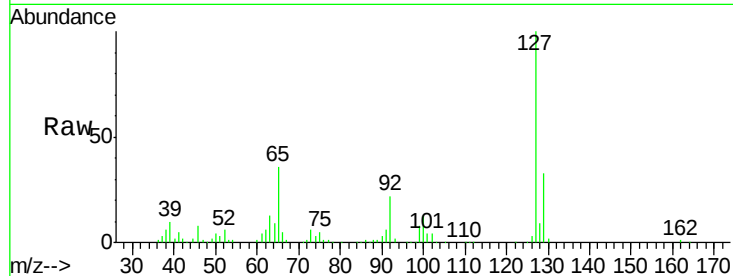
#33
4-Chloroaniline
Concen: 39.47 ng
RT: 7.80 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		476019		
129	33.5	26.1	39.1		
65	36.2	33.5	50.3		
92	21.6	18.6	28.0		

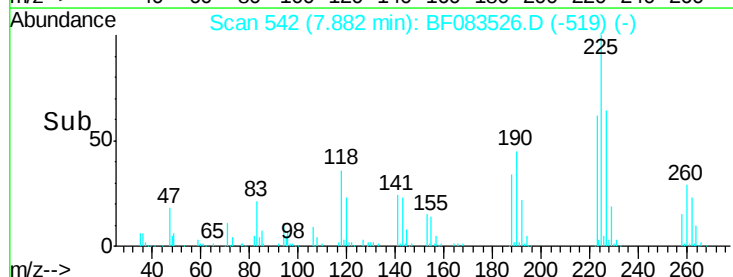
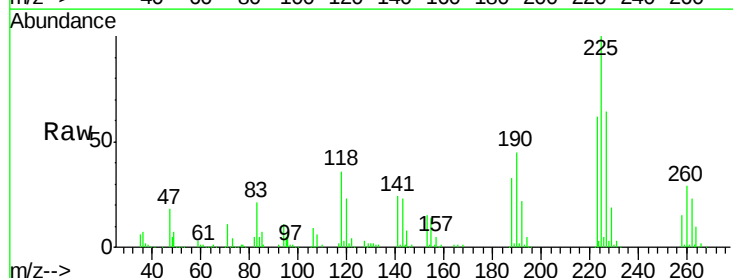
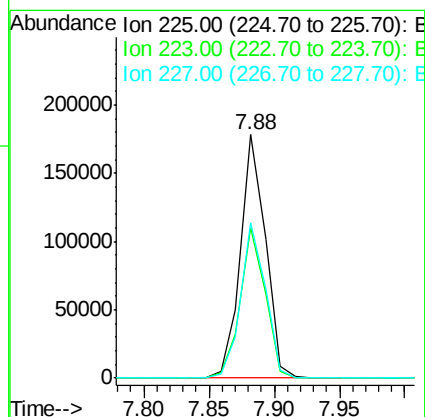
Manual Integrations
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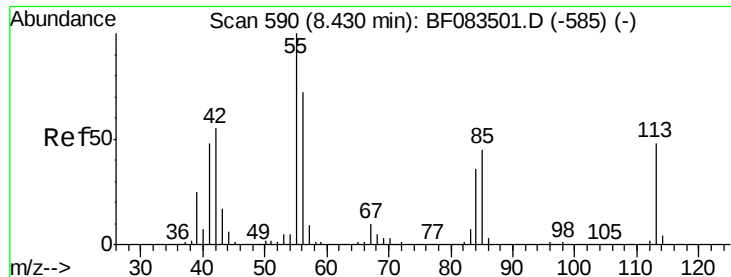
Mmdadoda
12/7/2015 6:33:17 PM



#34
Hexachlorobutadiene
Concen: 42.07 ng
RT: 7.88 min Scan# 542
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		236133		
223	61.7	52.3	78.5		
227	63.6	50.4	75.6		





#35

Caprolactam

Concen: 43.33 ng

RT: 8.41 min Scan# 588

Delta R.T. -0.02 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

Instrument :

BNA_F

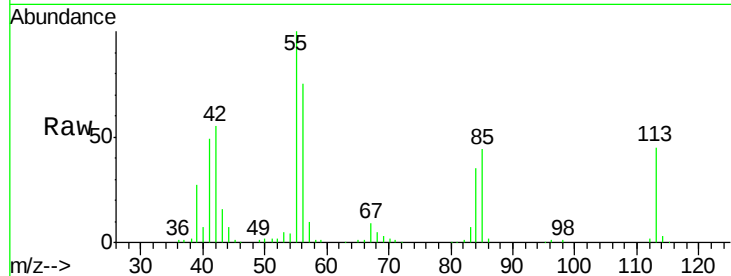
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	118391
Ion Ratio	Lower	Upper	
113	100		
55	221.7	189.7	229.7
56	166.0	130.7	170.7

Manual Integrations
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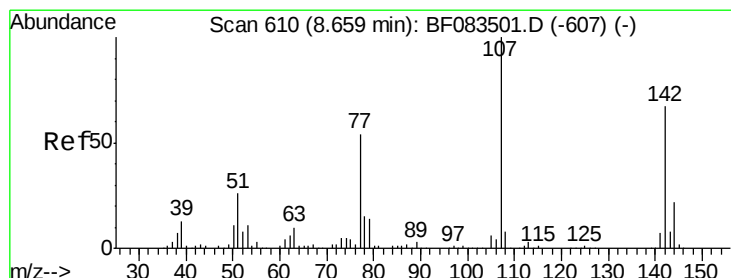
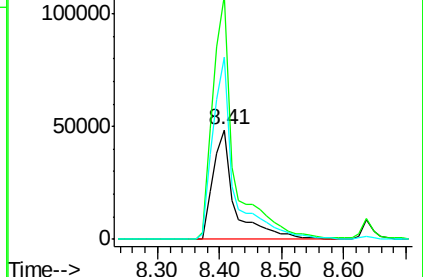
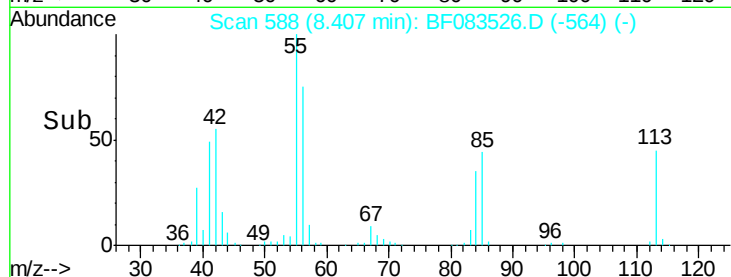
Mmdadoda
12/7/2015 6:33:17 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.57 ng

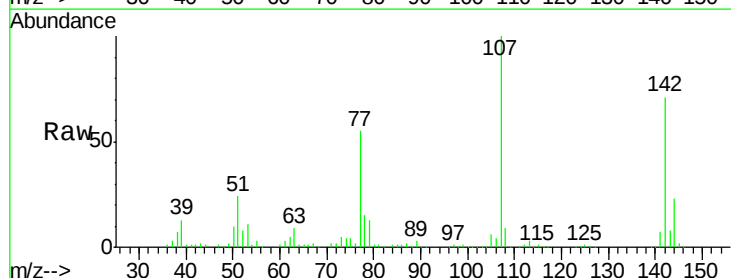
RT: 8.64 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

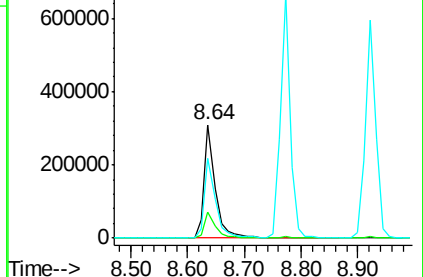
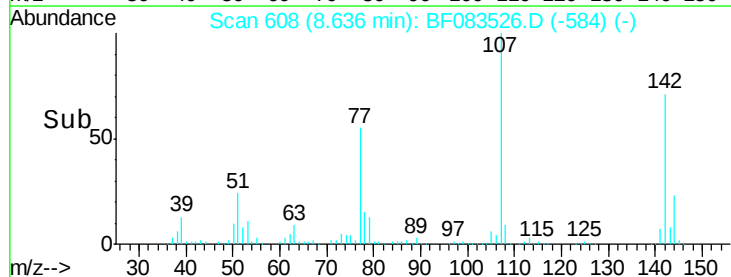
Tgt Ion:	107	Resp:	411550
Ion Ratio	Lower	Upper	
107	100		
144	22.9	17.5	26.3
142	70.7	53.6	80.4

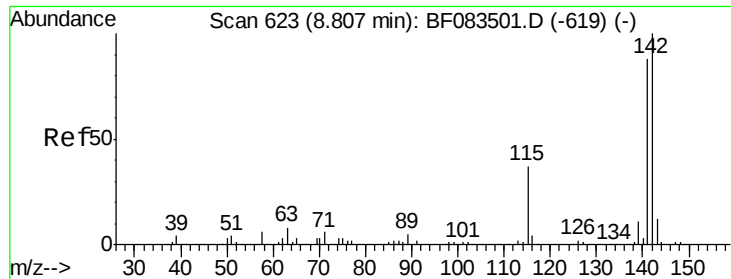


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





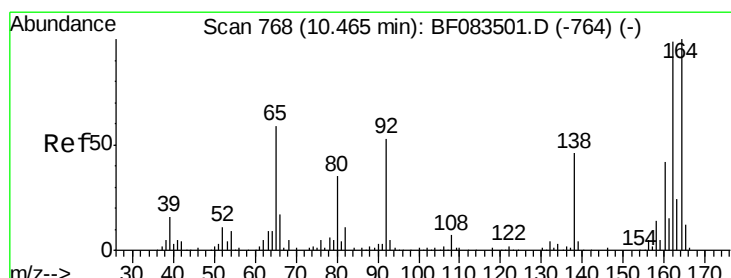
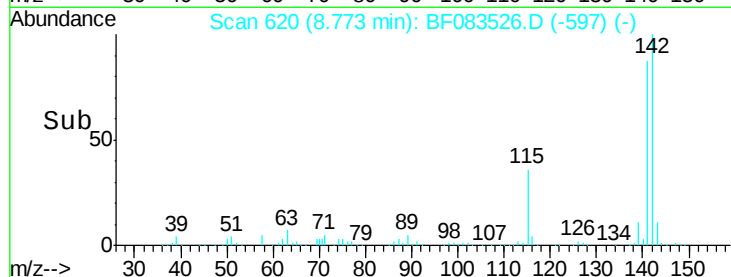
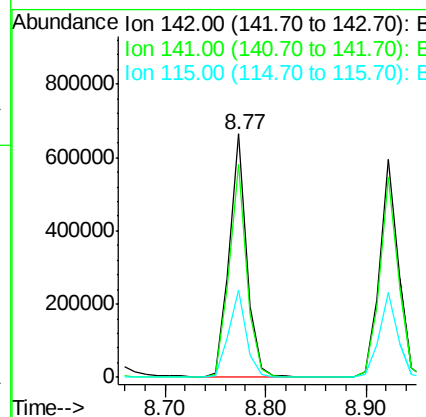
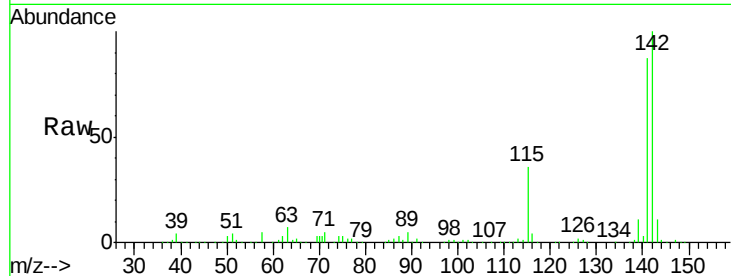
#37
2-Methylnaphthalene
Concen: 42.34 ng
RT: 8.77 min Scan# 620
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.3	105.5
115	35.9	29.2	43.8

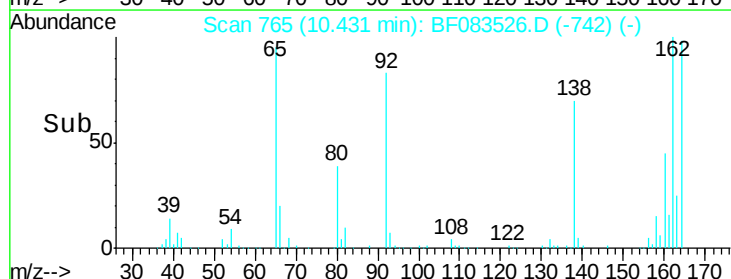
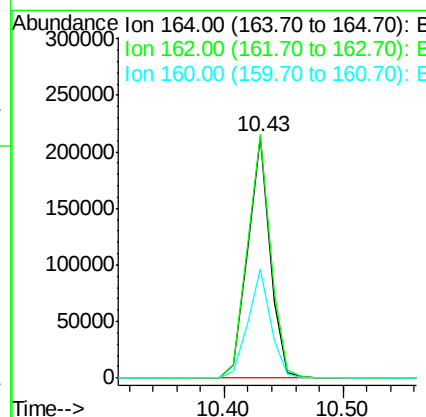
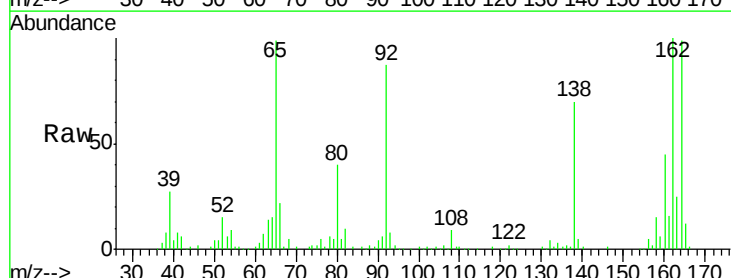
Manual Integrations
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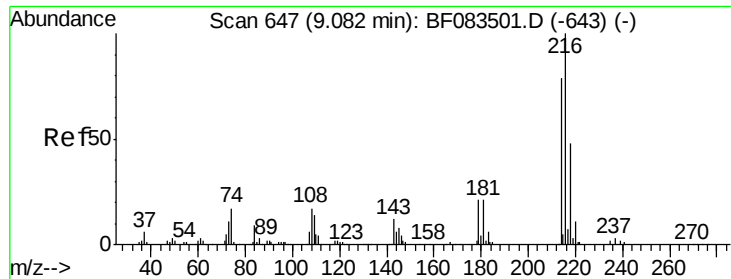
Mmdadoda
12/7/2015 6:33:17 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.43 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.8	118.2
160	45.4	33.4	50.2





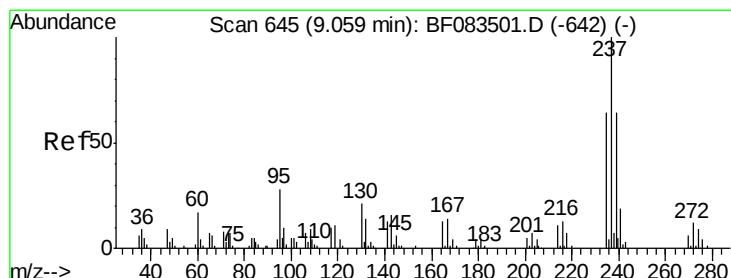
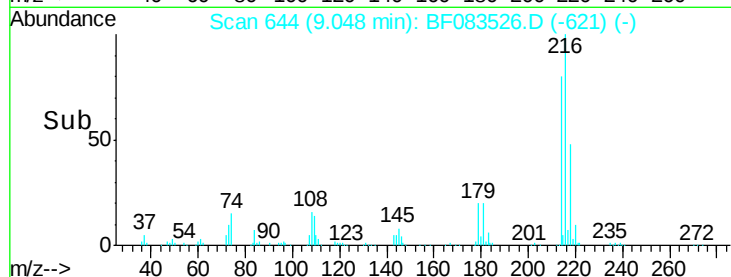
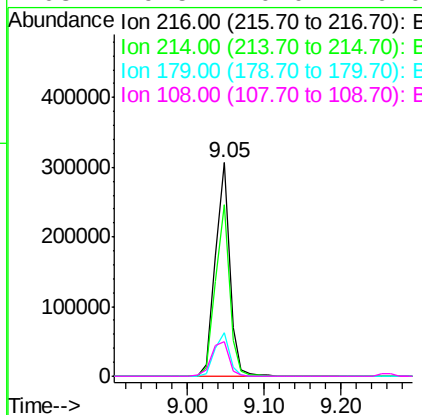
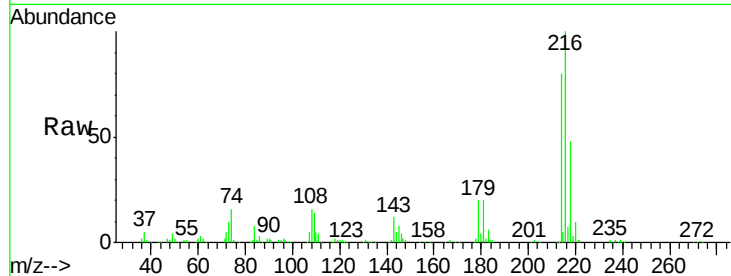
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.05 ng
 RT: 9.05 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF083526.D
 Acq: 6 Dec 2015 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	400393		
214	78.8	0.0	0.0	0.0
179	21.0	0.0	0.0	0.0
108	19.5	0.0	0.0	0.0

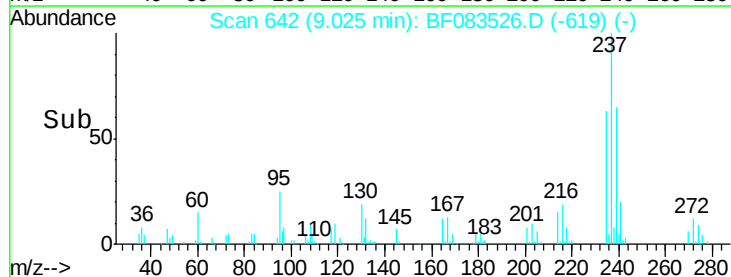
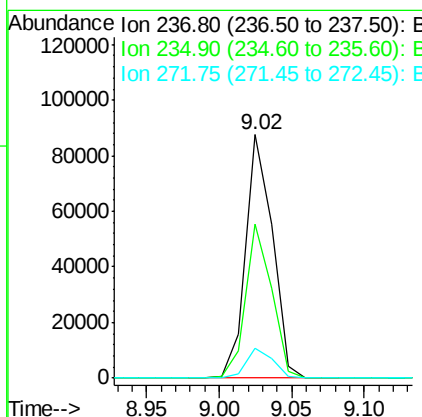
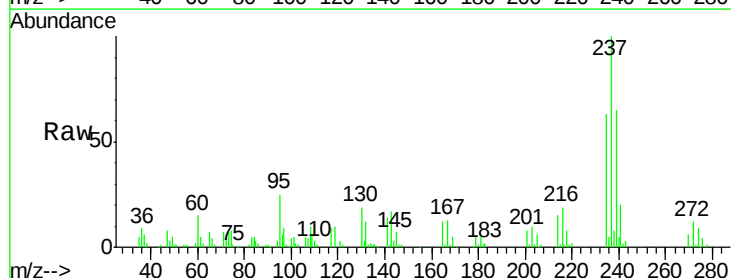
Manual Integrations
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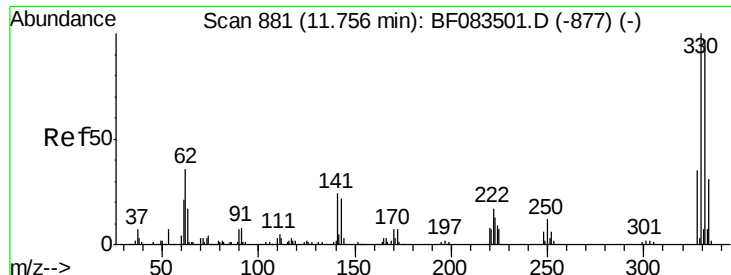
Mmdadoda
 12/7/2015 6:33:17 PM



#40
 Hexachlorocyclopentadiene
 Concen: 37.26 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.03 min
 Lab File: BF083526.D
 Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	112628		
235	63.1	43.9	83.9	
272	12.2	0.0	31.8	





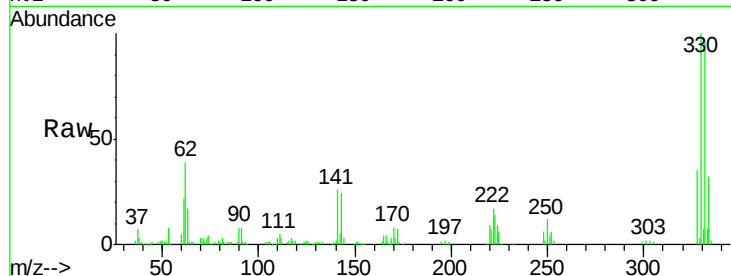
#41
 2,4,6-Tribromophenol
 Concen: 86.19 ng
 RT: 11.72 min Scan# 878
 Delta R.T. -0.03 min
 Lab File: BF083526.D
 Acq: 6 Dec 2015 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

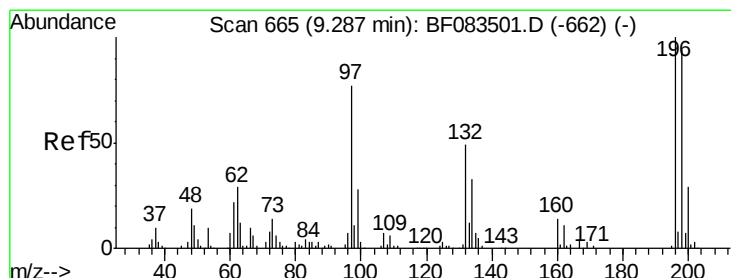
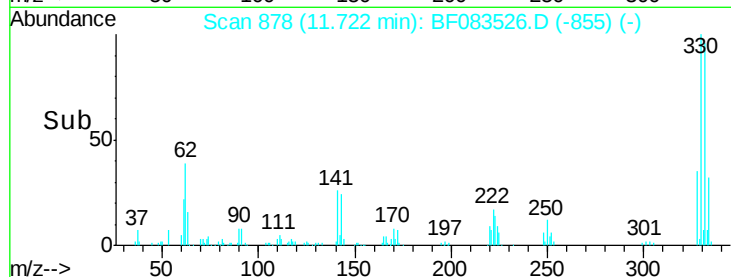
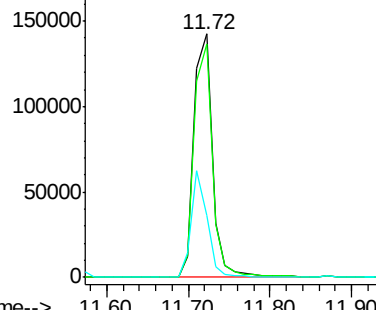
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	38.4	0.0	0.0#

Manual Integrations
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Mmdadoda
 12/7/2015 6:33:17 PM



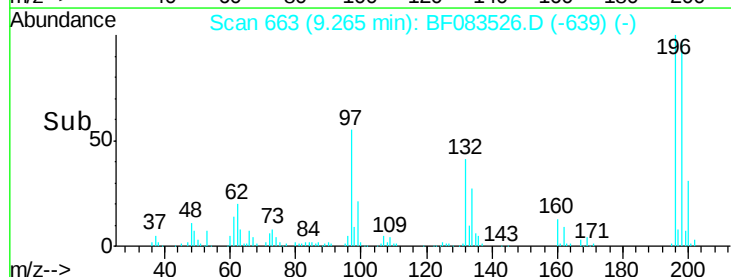
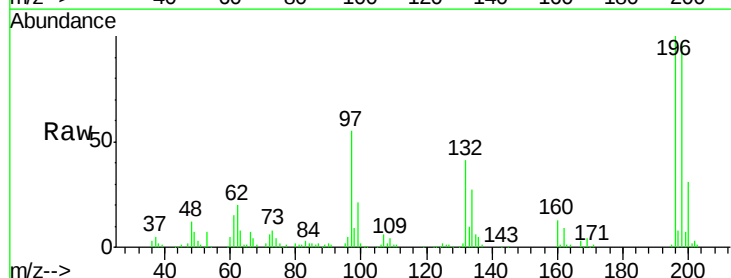
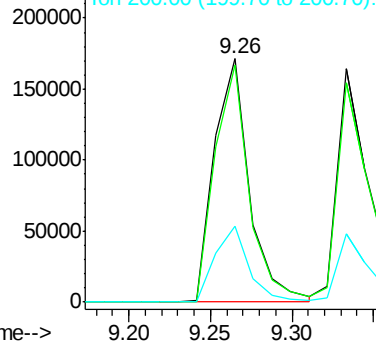
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

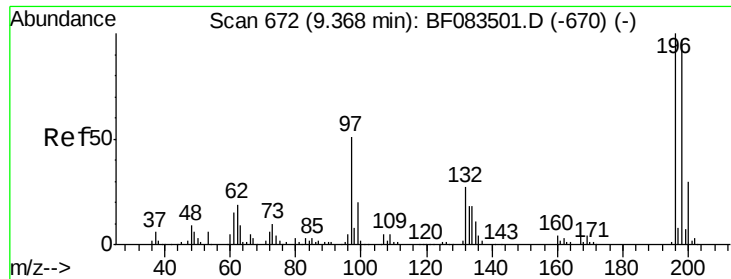


#42
 2,4,6-Trichlorophenol
 Concen: 43.69 ng
 RT: 9.26 min Scan# 663
 Delta R.T. -0.02 min
 Lab File: BF083526.D
 Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	97.4	75.2	112.8
200	31.1	23.0	34.6

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





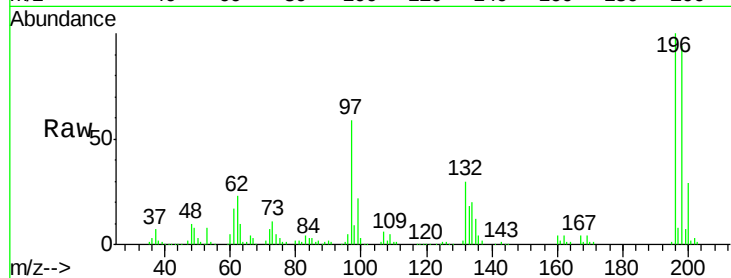
#43
 2,4,5-Trichlorophenol
 Concen: 42.06 ng
 RT: 9.33 min Scan# 669
 Delta R.T. -0.03 min
 Lab File: BF083526.D
 Acq: 6 Dec 2015 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	252992
Ion Ratio	Lower	Upper	
196	100		
198	94.2	77.7	116.5
97	58.9	41.2	61.8
132	29.7	21.8	32.8

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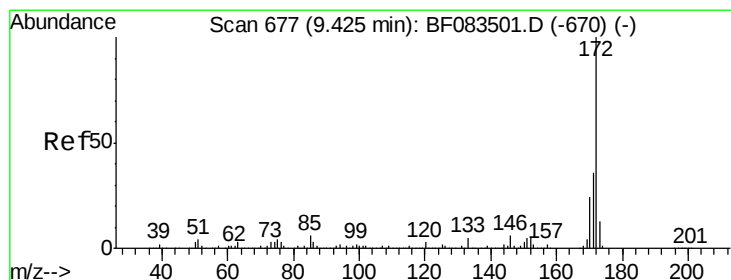
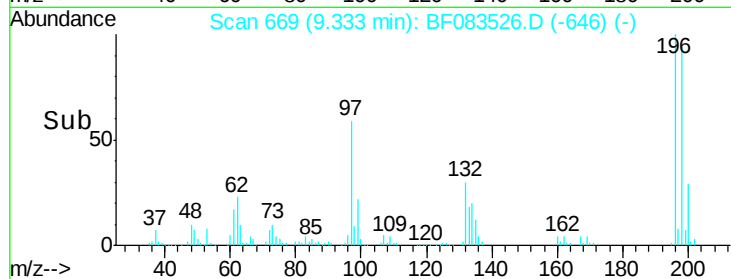
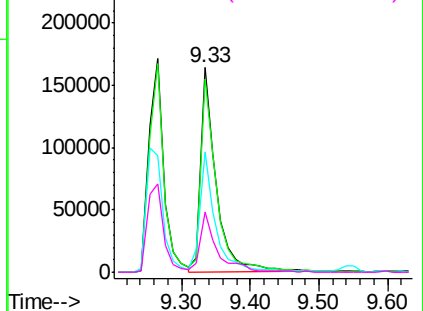
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.20 ng
 RT: 9.39 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF083526.D
 Acq: 6 Dec 2015 12:54

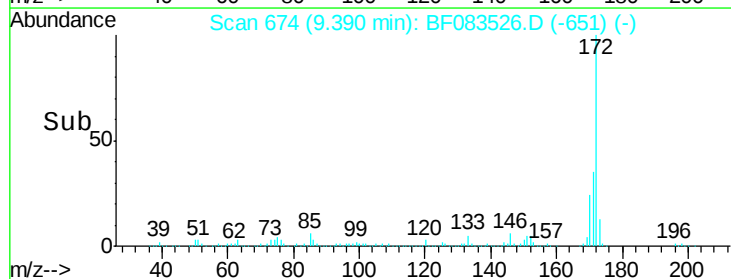
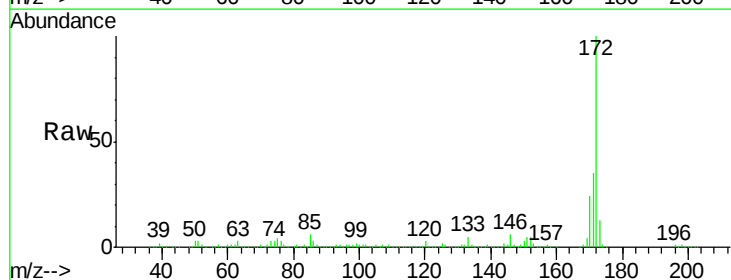
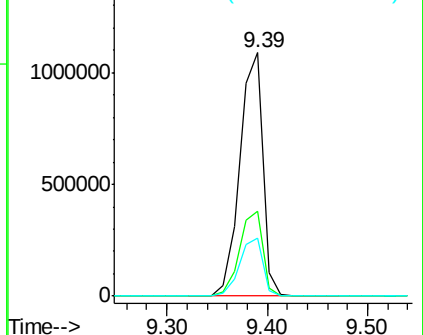
Tgt Ion:	172	Resp:	1734938
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.6	42.8
170	23.9	19.4	29.0

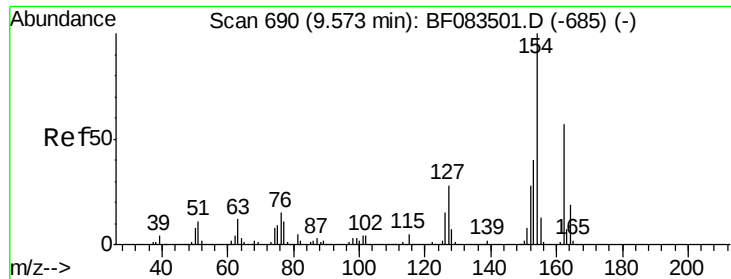
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45
 1,1'-Biphenyl
 Concen: 42.19 ng
 RT: 9.54 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: BF083526.D
 Acq: 6 Dec 2015 12:54

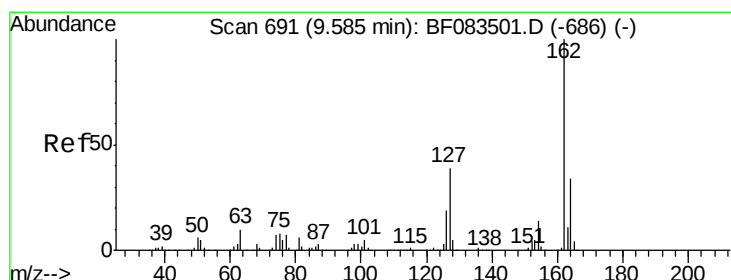
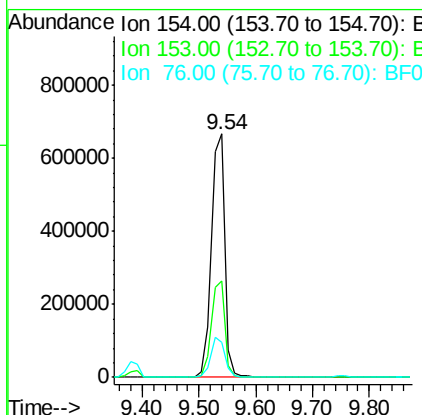
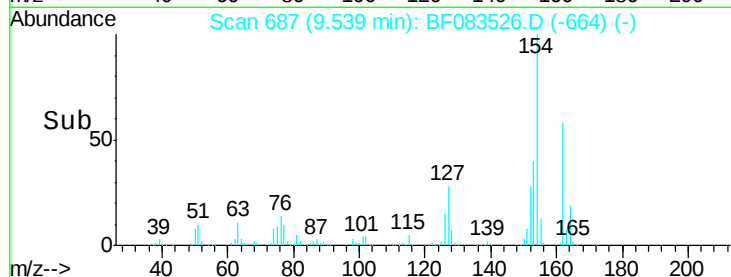
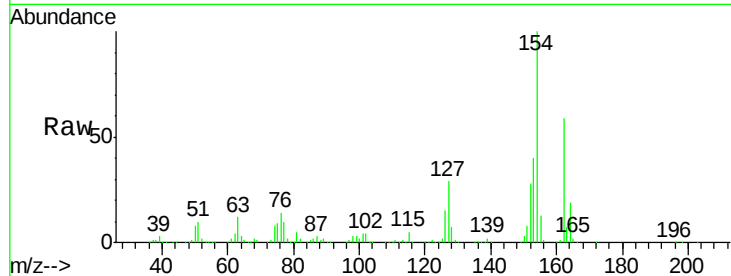
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 1060466

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.2	60.2
76	14.3	0.0	34.8

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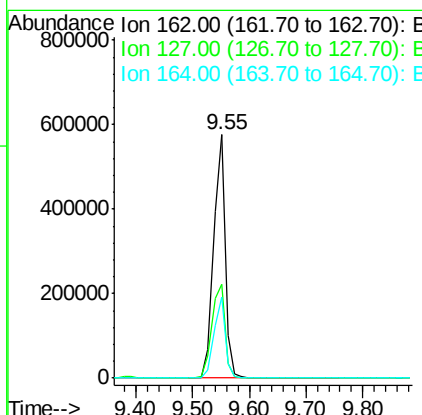
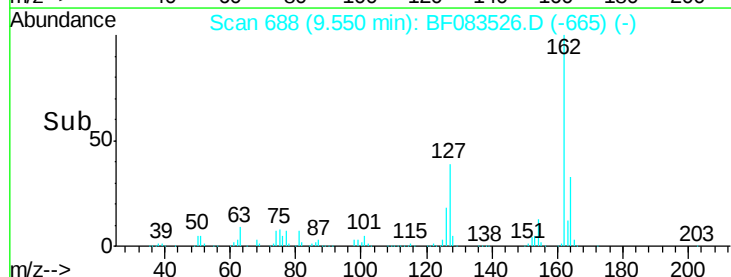
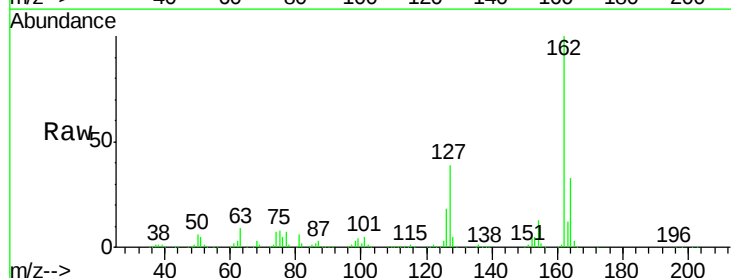
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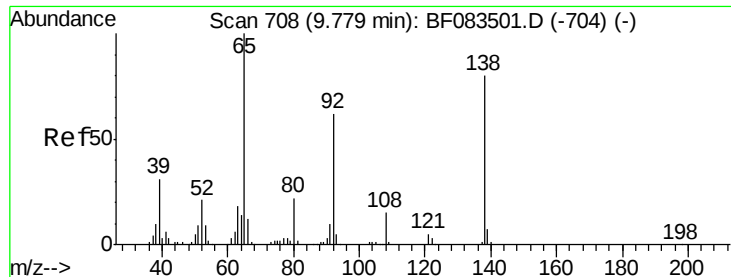


#46
 2-Chloronaphthalene
 Concen: 42.20 ng
 RT: 9.55 min Scan# 688
 Delta R.T. -0.03 min
 Lab File: BF083526.D
 Acq: 6 Dec 2015 12:54

Tgt Ion:162 Resp: 799214

Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.0	46.4
164	33.4	27.4	41.0





#47

2-Nitroaniline

Concen: 44.72 ng

RT: 9.76 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

Instrument :

BNA_F

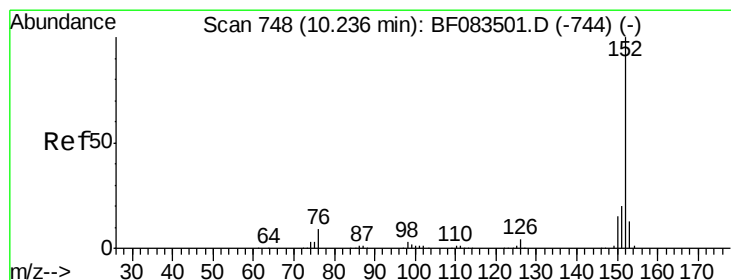
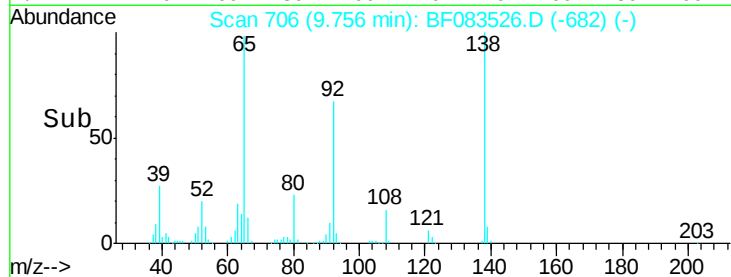
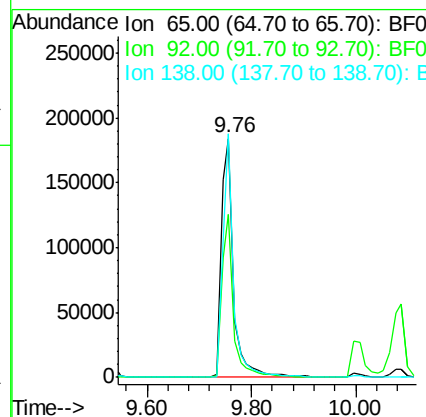
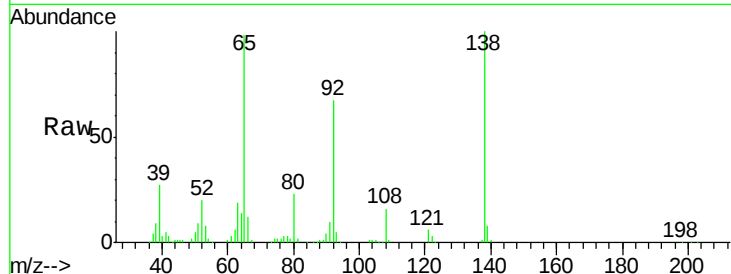
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.4	49.6	74.4
138	101.9	64.1	96.1

Manual Integrations
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#48

Acenaphthylene

Concen: 41.90 ng

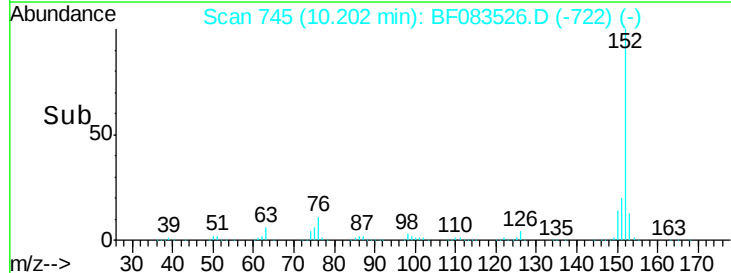
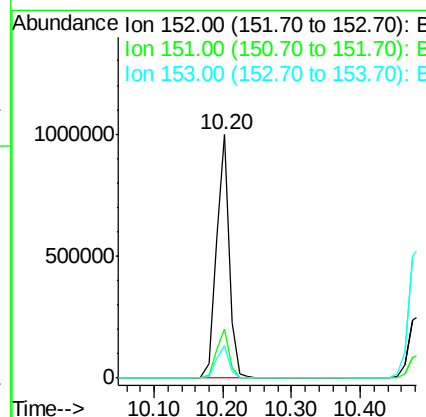
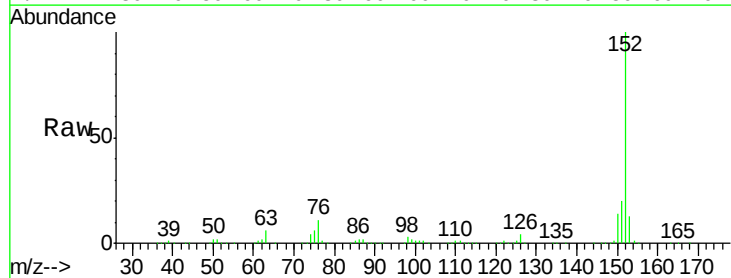
RT: 10.20 min Scan# 745

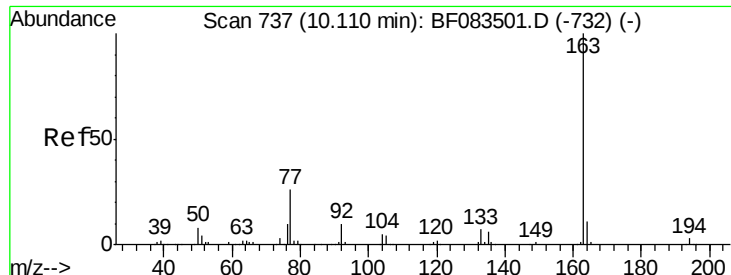
Delta R.T. -0.03 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.5	10.8	16.2





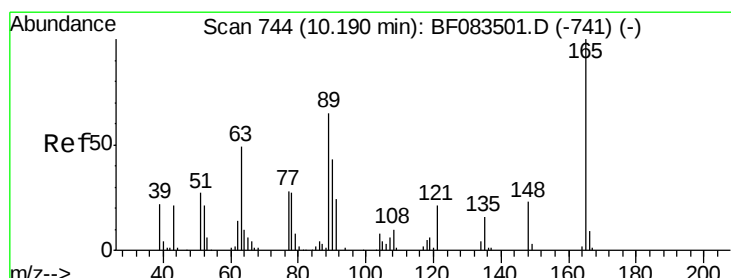
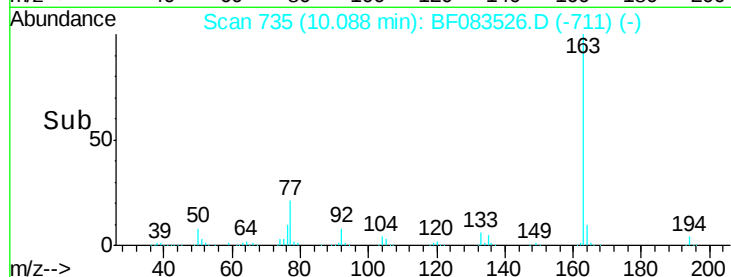
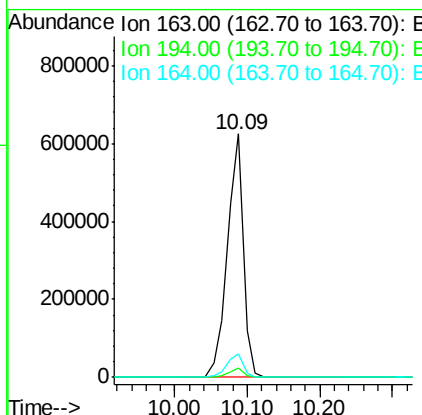
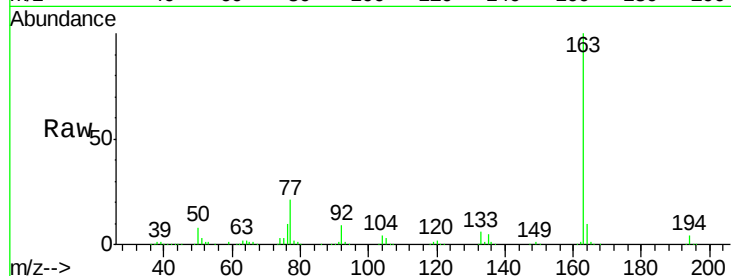
#49
Dimethylphthalate
Concen: 43.03 ng
RT: 10.09 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	957860		
194	3.7		2.8	4.2
164	9.7		8.6	13.0

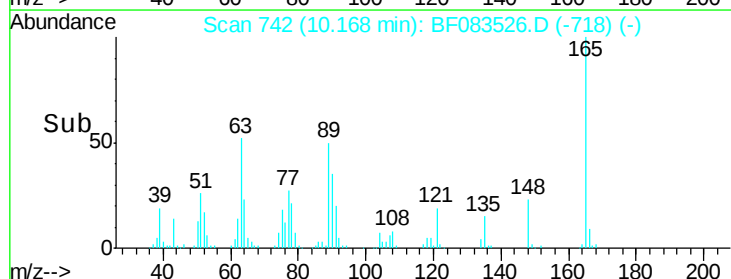
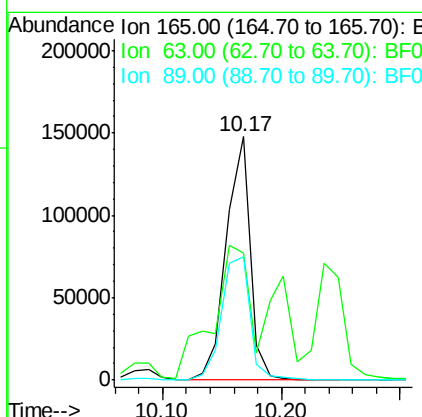
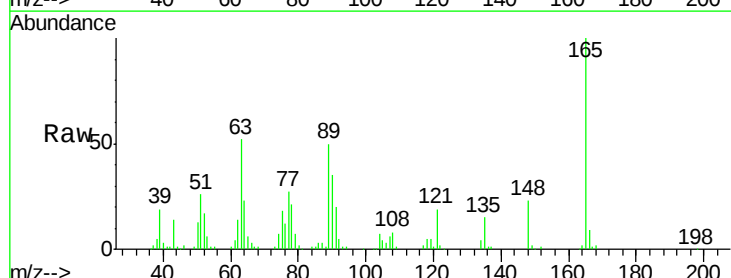
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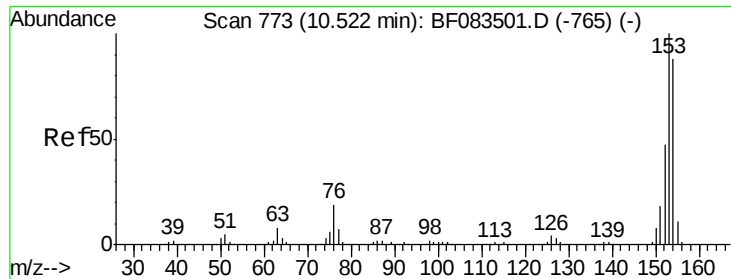
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#50
2,6-Dinitrotoluene
Concen: 44.35 ng
RT: 10.17 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	207887		
63	52.4		56.9	85.3#
89	50.5		52.1	78.1#





#51

Acenaphthene

Concen: 41.80 ng

RT: 10.49 min Scan# 770

Delta R.T. -0.03 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

Instrument :

BNA_F

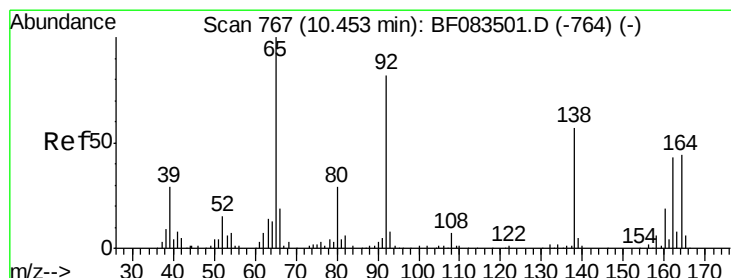
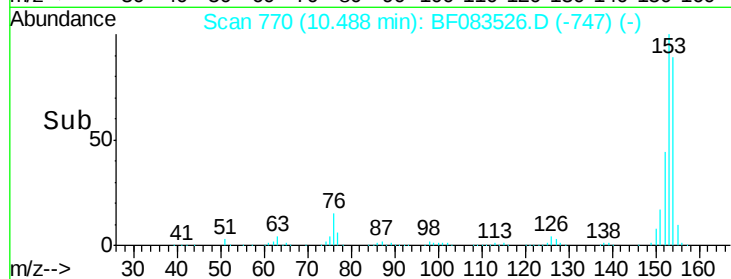
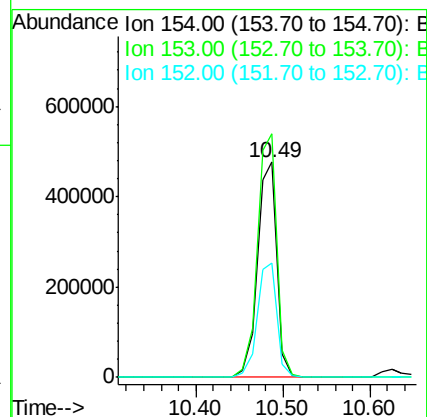
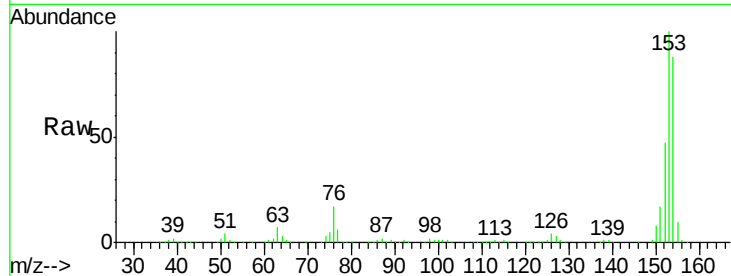
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	745923
Ion Ratio	Lower	Upper	
154	100		
153	113.3	91.4	137.0
152	53.3	43.4	65.2

Manual Integrations
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#52

3-Nitroaniline

Concen: 43.79 ng

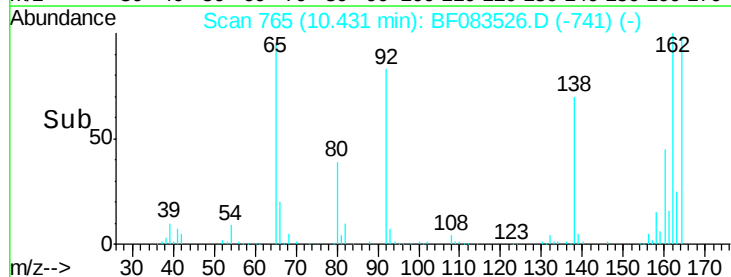
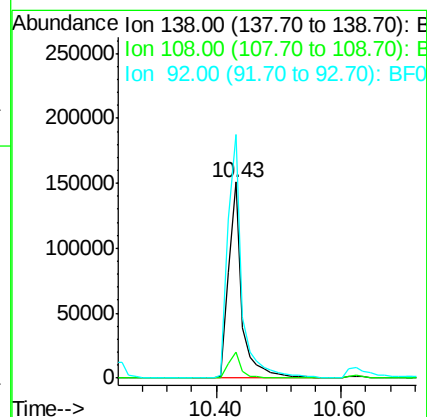
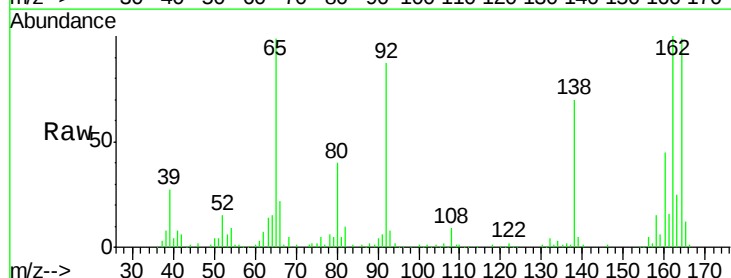
RT: 10.43 min Scan# 765

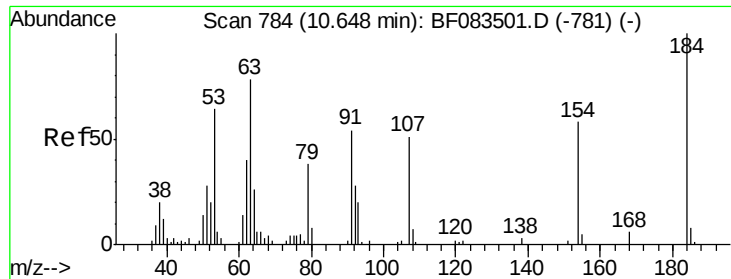
Delta R.T. -0.02 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

Tgt Ion:	138	Resp:	221299
Ion Ratio	Lower	Upper	
138	100		
108	13.2	9.9	14.9
92	124.4	113.8	170.8





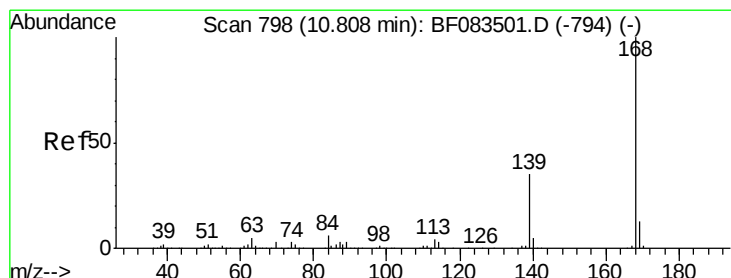
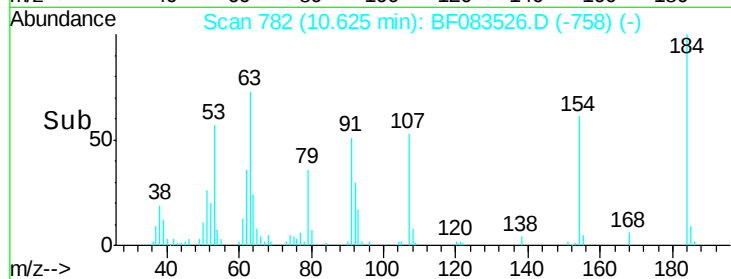
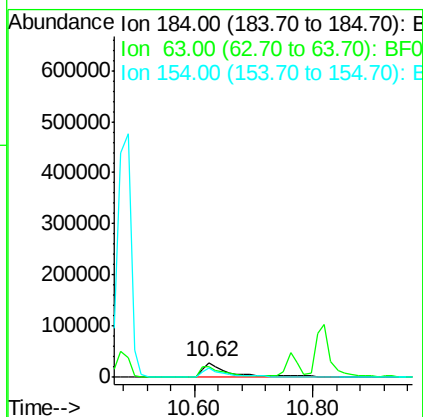
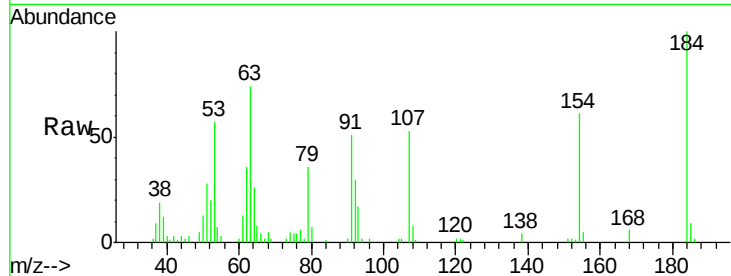
#53
 2,4-Dinitrophenol
 Concen: 42.26 ng
 RT: 10.62 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF083526.D
 Acq: 6 Dec 2015 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	73.8	62.4	93.6
154	60.9	46.6	69.8

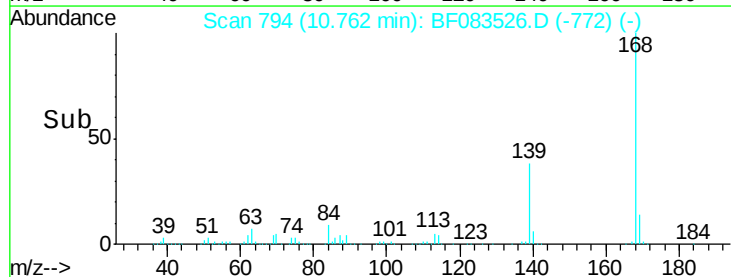
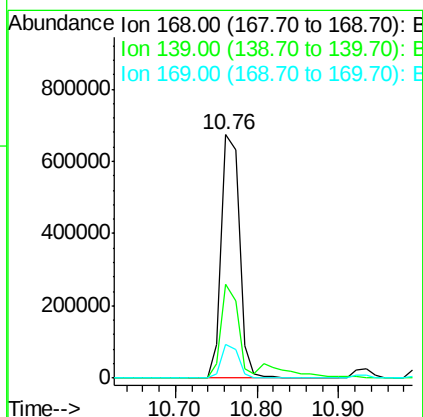
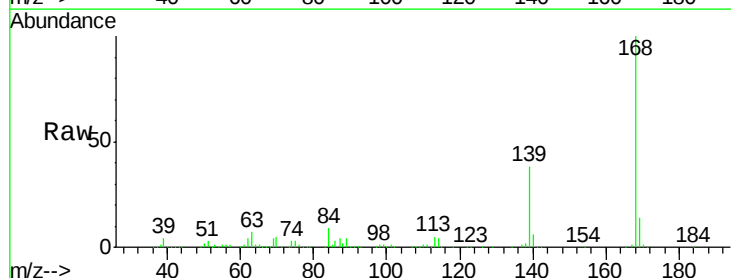
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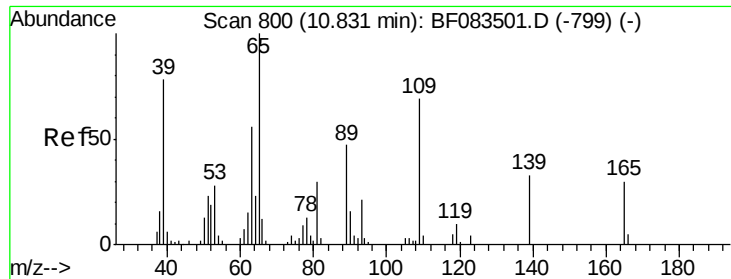
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#54
 Dibenzofuran
 Concen: 42.14 ng
 RT: 10.76 min Scan# 794
 Delta R.T. -0.05 min
 Lab File: BF083526.D
 Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.3	28.0	42.0
169	13.8	10.8	16.2





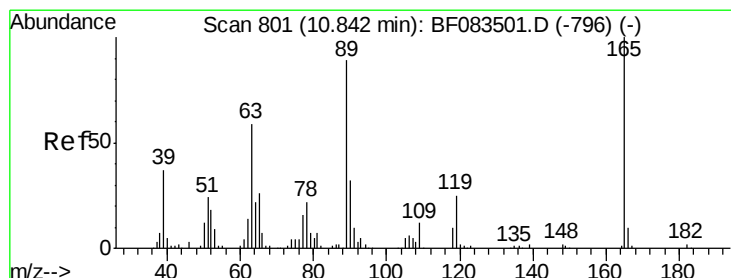
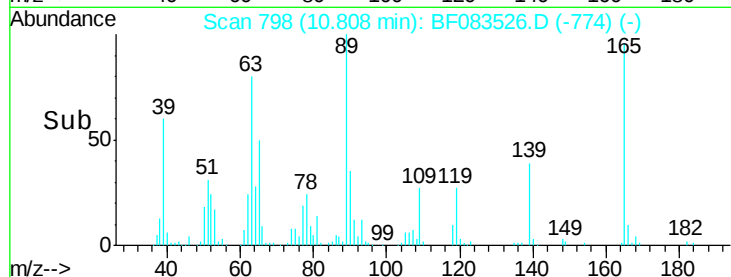
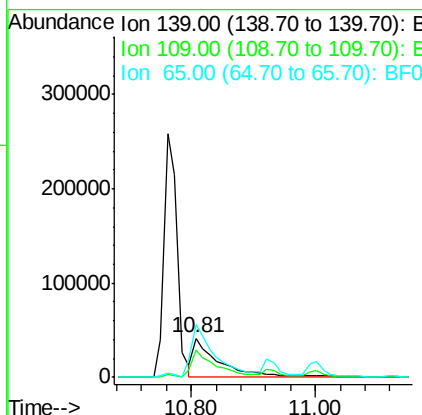
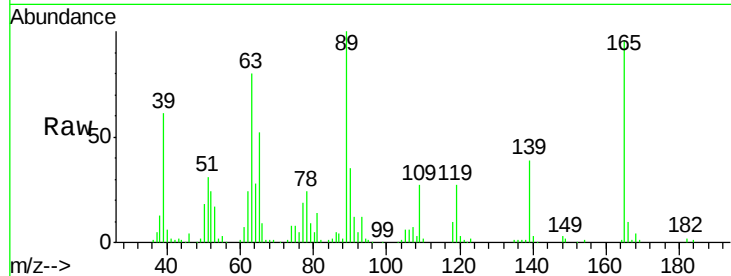
#55
4-Nitrophenol
Concen: 40.85 ng
RT: 10.81 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	68.8	42.0	82.0	
65	134.1	89.2	129.2	

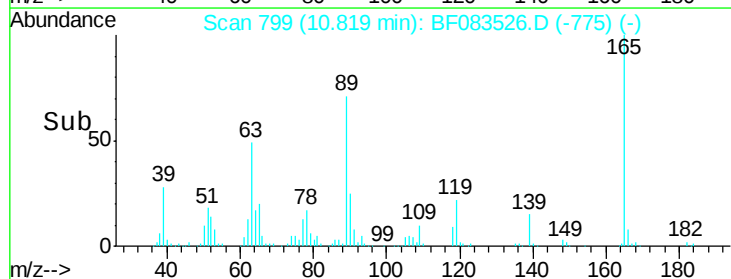
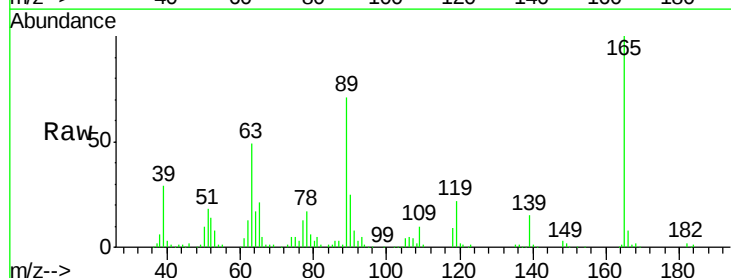
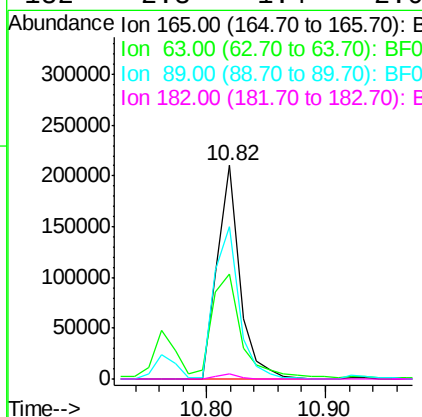
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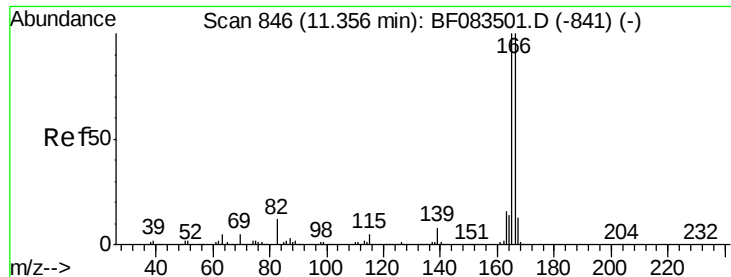
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#56
2,4-Dinitrotoluene
Concen: 45.17 ng
RT: 10.82 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.9	51.4	77.2	
89	71.5	72.6	108.8	
182	2.3	1.4	2.0	





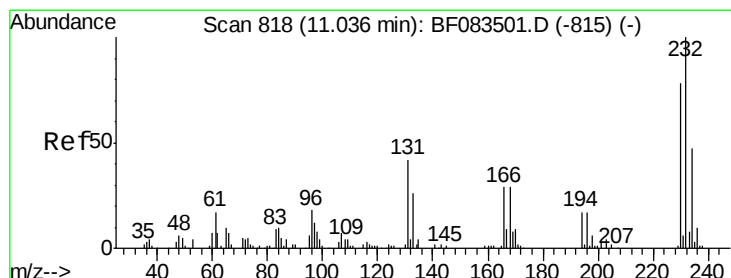
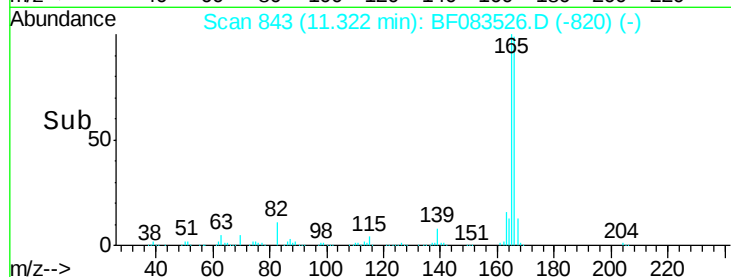
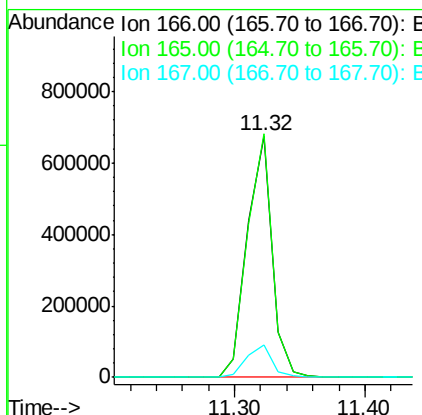
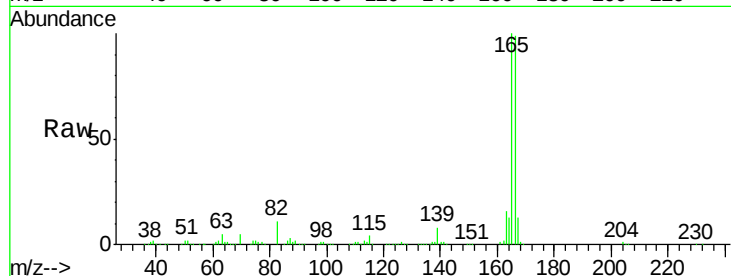
#57
Fluorene
Concen: 42.00 ng
RT: 11.32 min Scan# 843
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.8	80.0	120.0
167	13.2	10.6	16.0

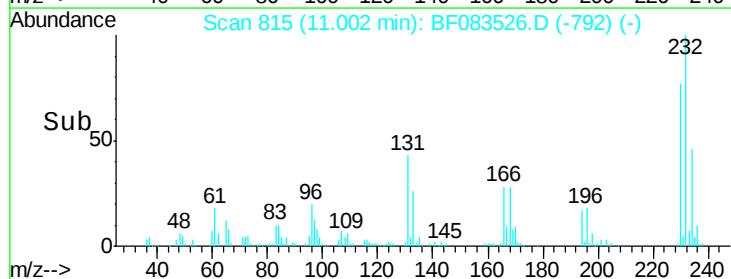
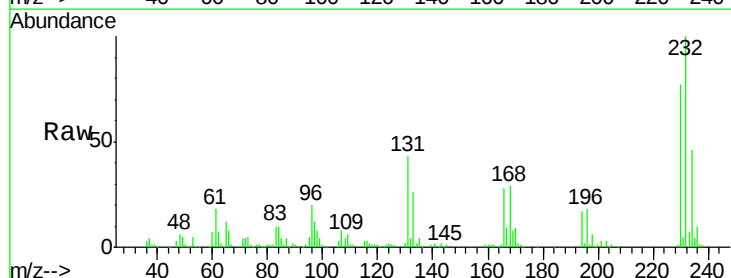
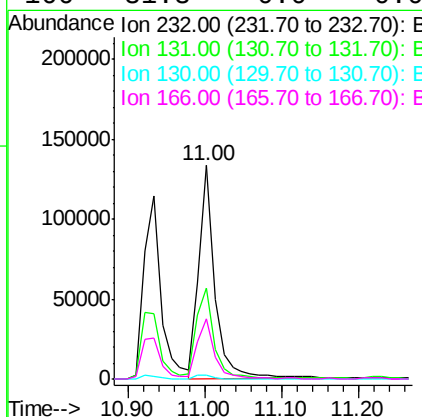
Manual Integrations
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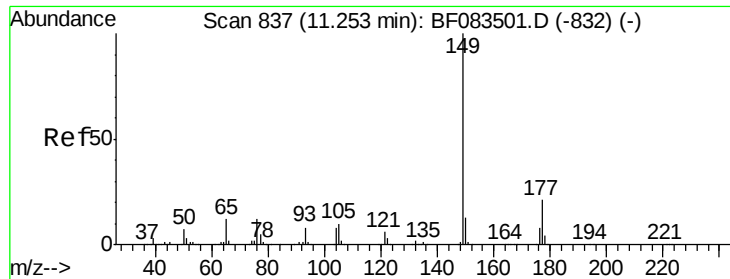
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#58
2,3,4,6-Tetrachlorophenol
Concen: 42.77 ng
RT: 11.00 min Scan# 815
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.7	0.0	0.0#
130	2.0	0.0	0.0#
166	31.3	0.0	0.0#





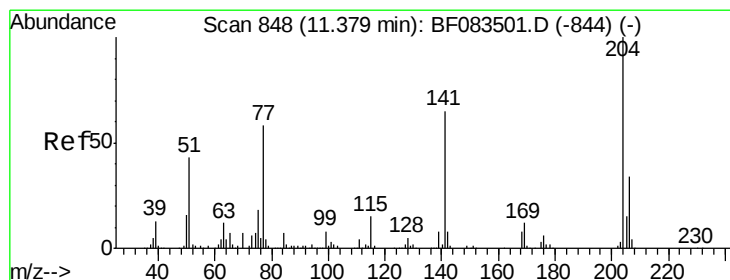
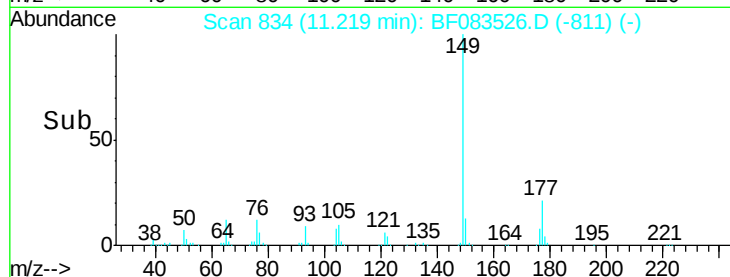
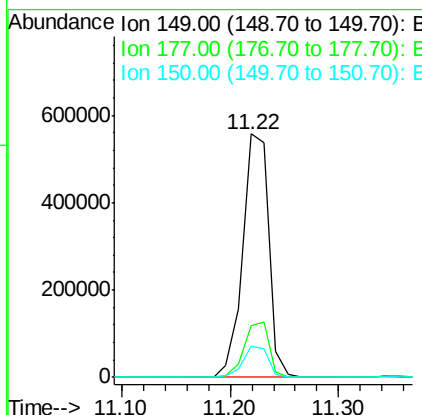
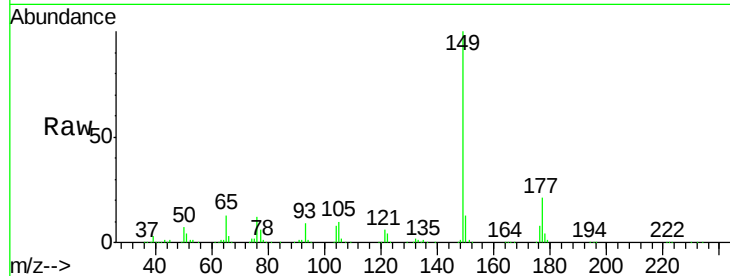
#59
Diethylphthalate
Concen: 43.15 ng
RT: 11.22 min Scan# 834
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	924345		
177	21.3	16.9	25.3	
150	12.8	10.2	15.4	

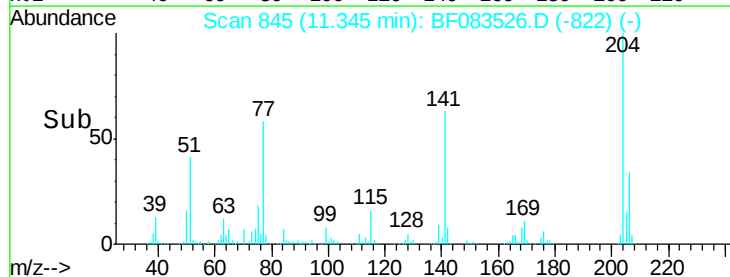
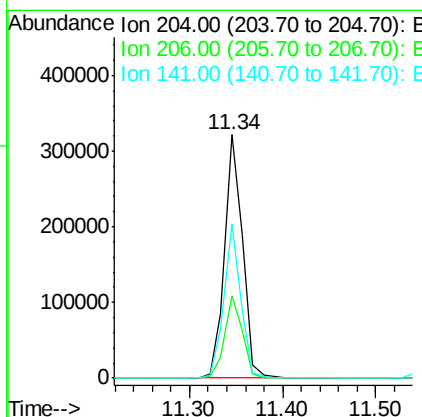
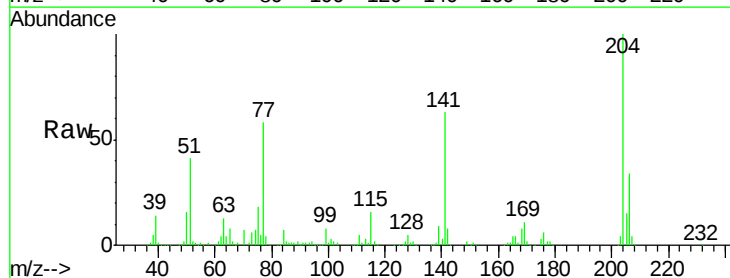
Manual Integrations
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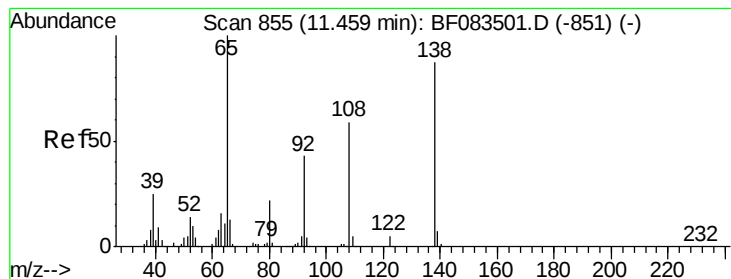
Mmdadoda
12/7/2015 6:33:17 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.61 ng
RT: 11.34 min Scan# 845
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	428886		
206	33.6	27.3	40.9	
141	63.3	51.9	77.9	





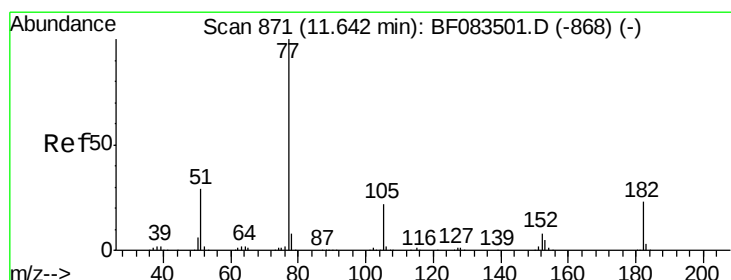
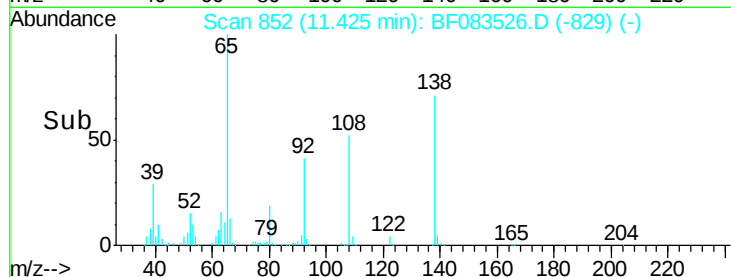
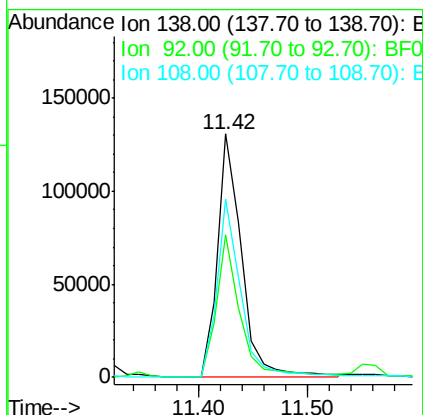
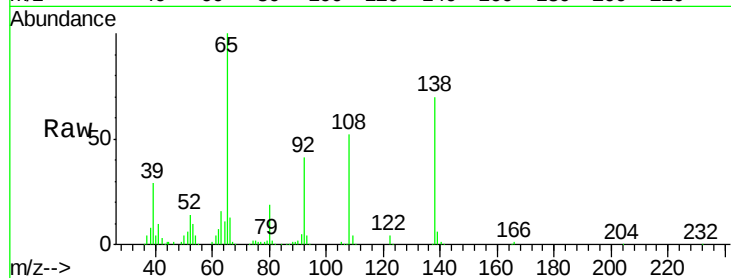
#61
4-Nitroaniline
Concen: 44.28 ng
RT: 11.42 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.5	29.0	69.0
108	73.4	47.4	87.4

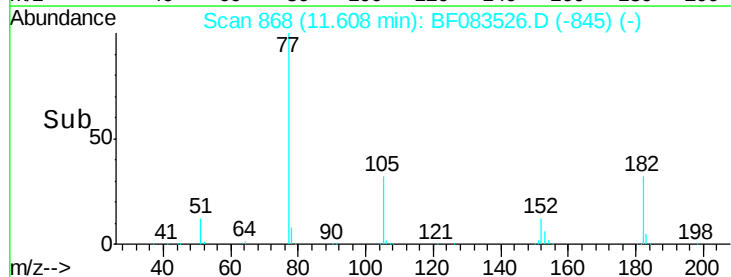
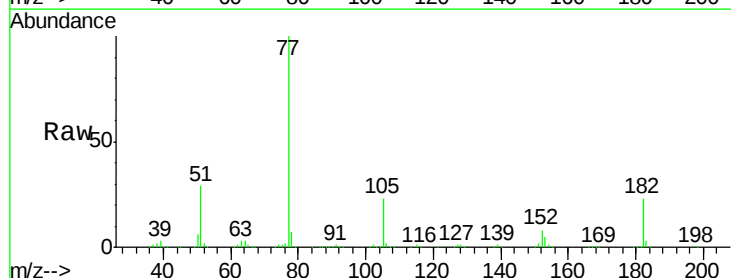
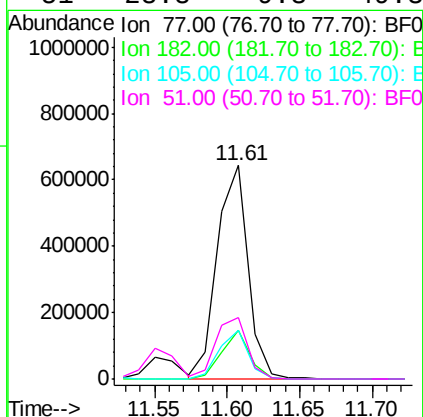
Manual Integrations
APPROVED

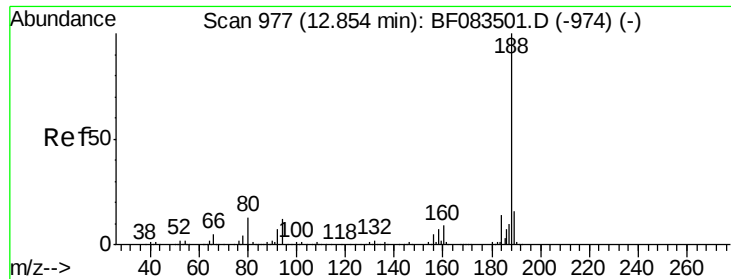
Mmdadoda
12/7/2015 6:33:17 PM



#62
Azobenzene
Concen: 41.47 ng
RT: 11.61 min Scan# 868
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.8	2.5	42.5
105	22.8	2.1	42.1
51	28.8	9.3	49.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.82 min Scan# 974

Delta R.T. -0.03 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

Instrument :

BNA_F

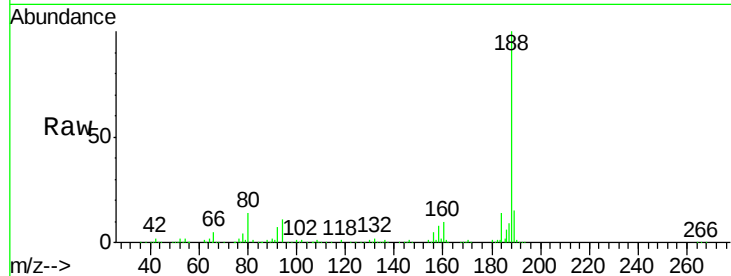
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	543617
Ion Ratio	Lower	Upper	
188	100		
94	11.1	9.4	14.2
80	13.6	10.6	16.0

Manual Integrations
APPROVED

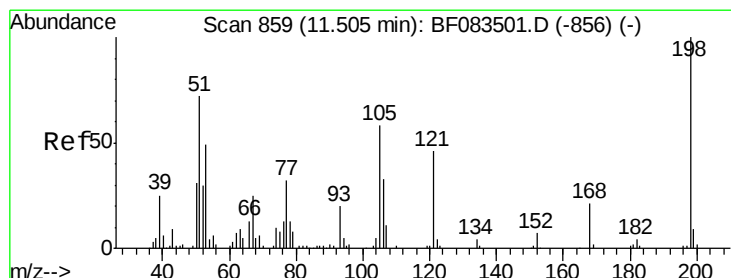
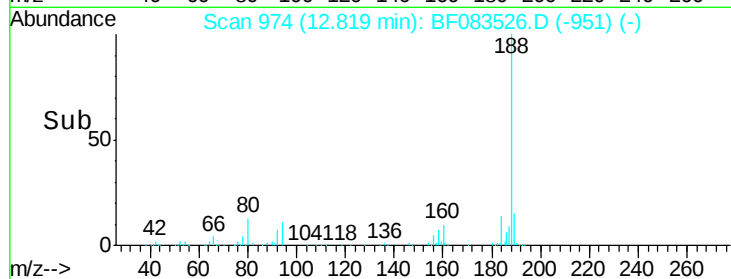
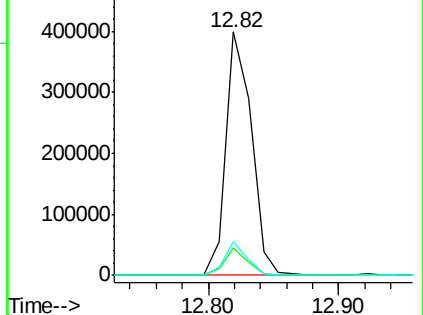
Mmdadoda
12/7/2015 6:33:17 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 41.61 ng

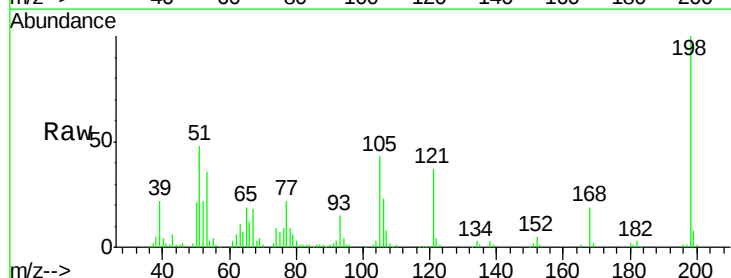
RT: 11.48 min Scan# 857

Delta R.T. -0.02 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

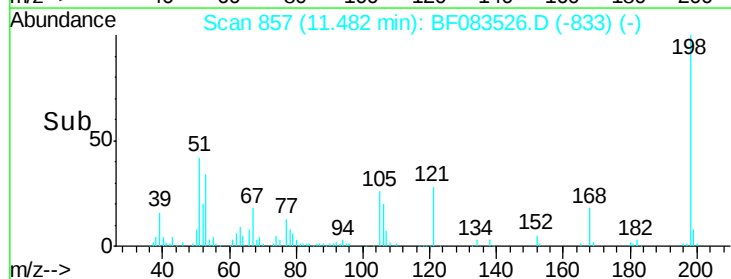
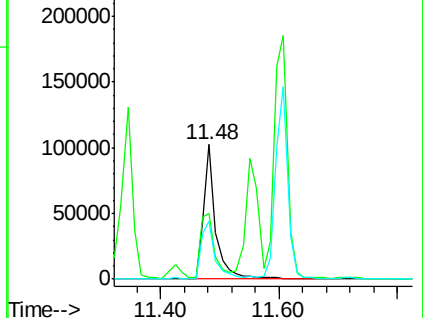
Tgt Ion:	198	Resp:	150794
Ion Ratio	Lower	Upper	
198	100		
51	48.5	53.8	93.8#
105	42.6	38.6	78.6

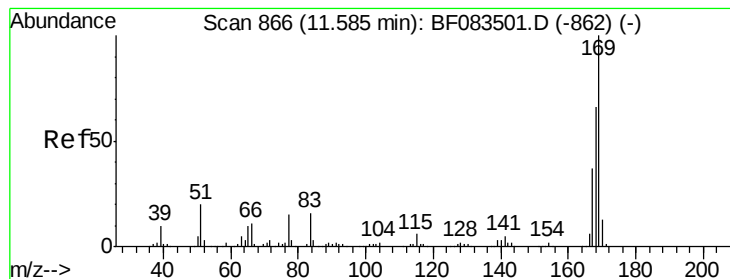


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





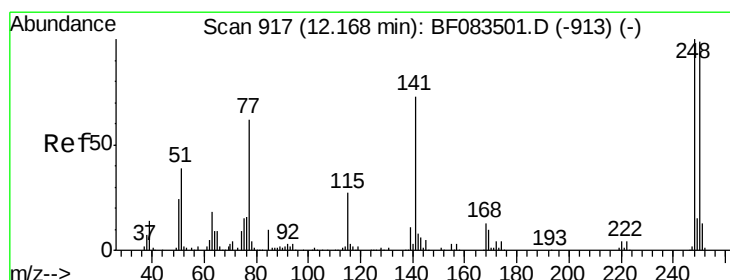
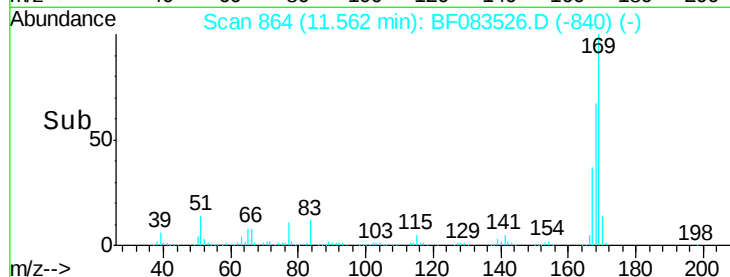
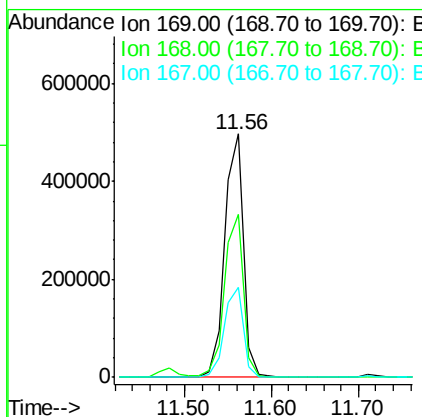
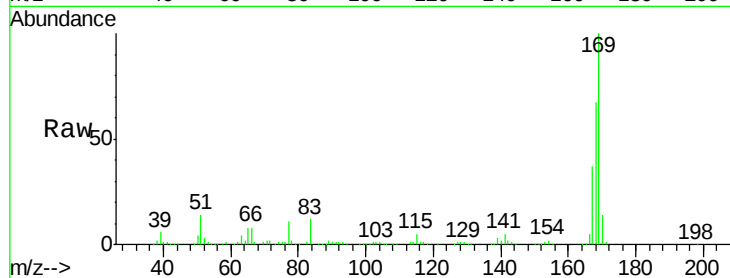
#65
n-Nitrosodiphenylamine
Concen: 41.02 ng
RT: 11.56 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	738249		
168	66.9	53.0	79.6	
167	37.2	29.3	43.9	

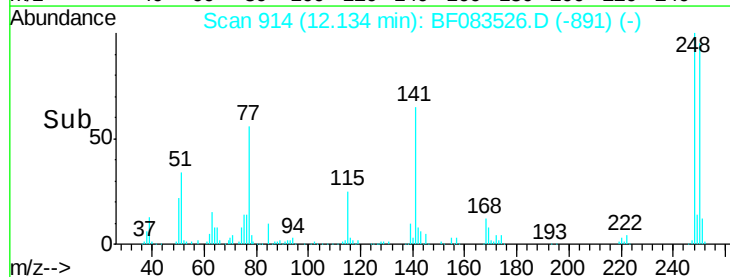
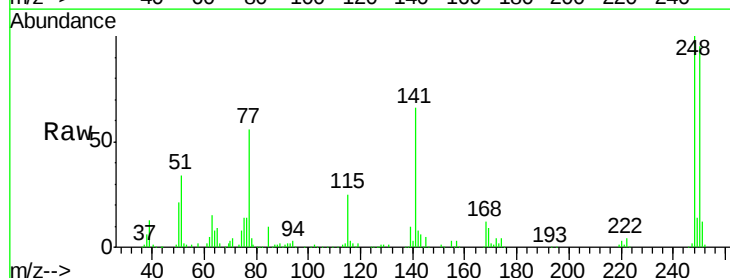
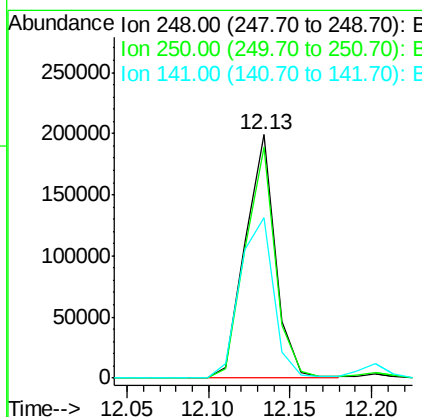
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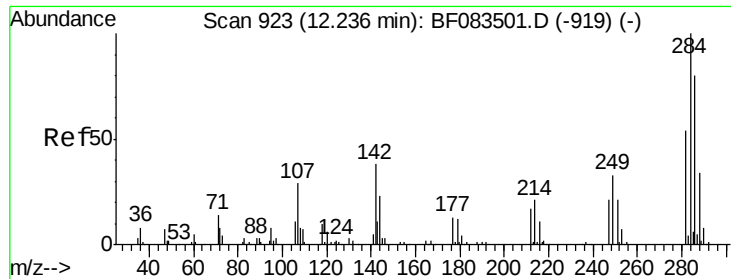
Mmdadoda
12/7/2015 6:33:17 PM



#66
4-Bromophenyl-phenylether
Concen: 42.87 ng
RT: 12.13 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	254681		
250	94.6	79.2	118.8	
141	65.7	58.2	87.4	





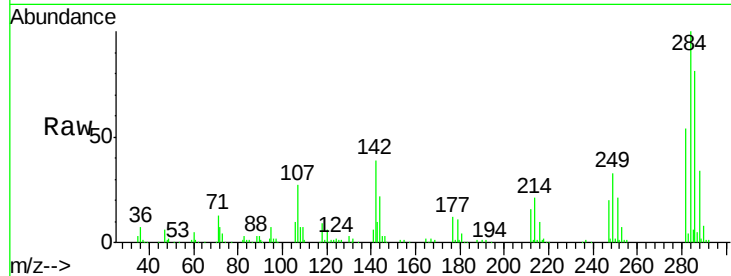
#67
Hexachlorobenzene
Concen: 41.53 ng
RT: 12.20 min Scan# 920
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

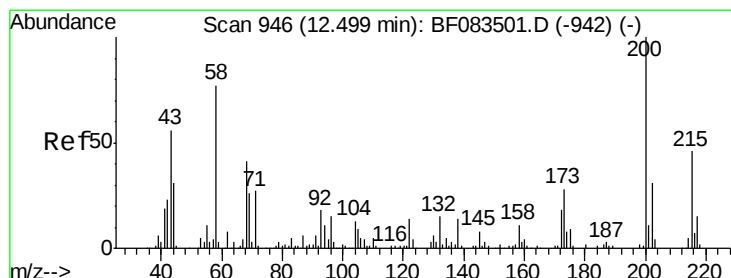
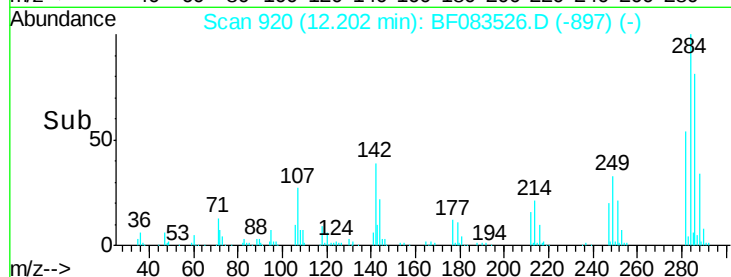
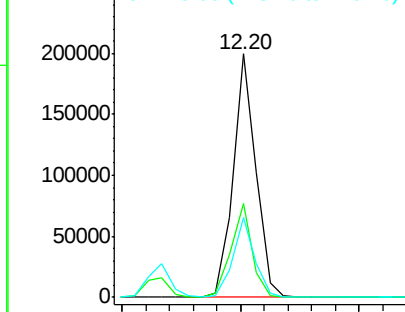
Tot Ion	Ratio	Resp	Lower	Upper
284	100	263746		
142	38.6		31.0	46.4
249	32.9		26.9	40.3

Manual Integrations
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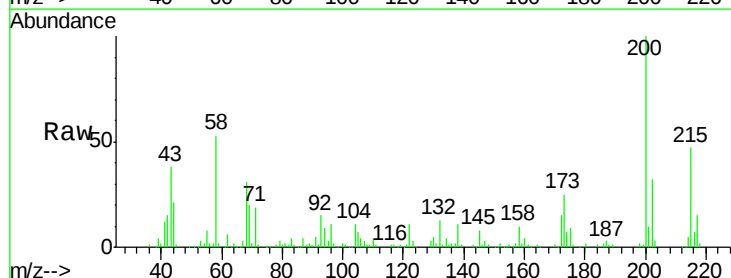


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

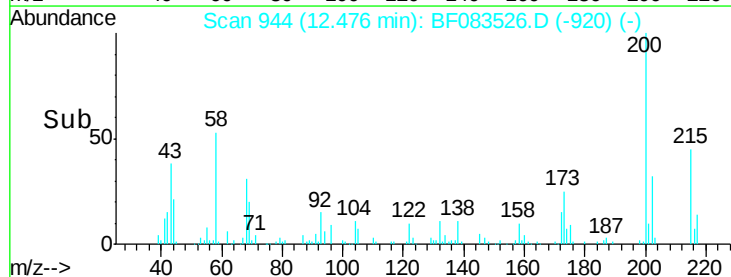
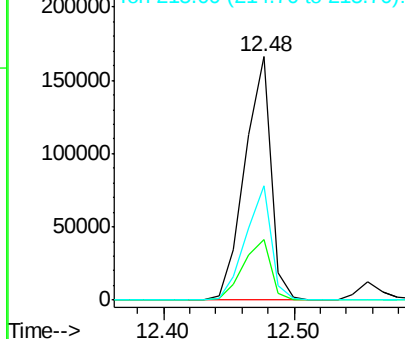


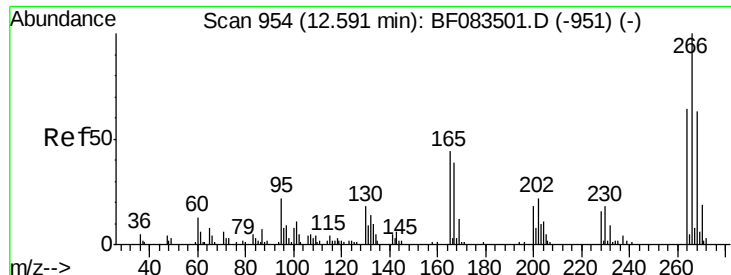
#68
Atrazine
Concen: 42.84 ng
RT: 12.48 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	233139		
173	24.9		7.8	47.8
215	47.1		25.7	65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





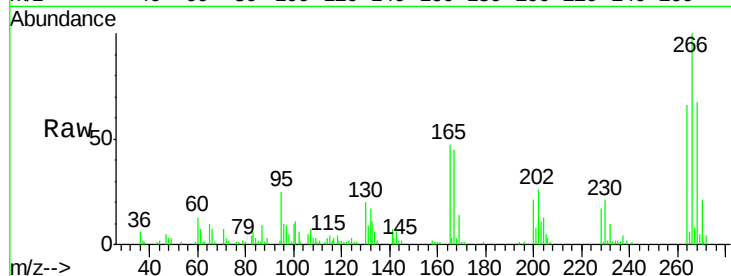
#69
 Pentachlorophenol
 Concen: 38.61 ng
 RT: 12.56 min Scan# 951
 Delta R.T. -0.03 min
 Lab File: BF083526.D
 Acq: 6 Dec 2015 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

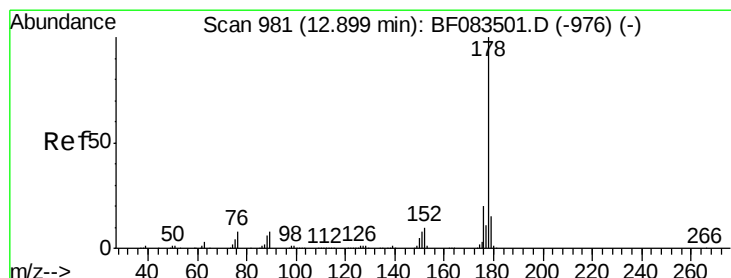
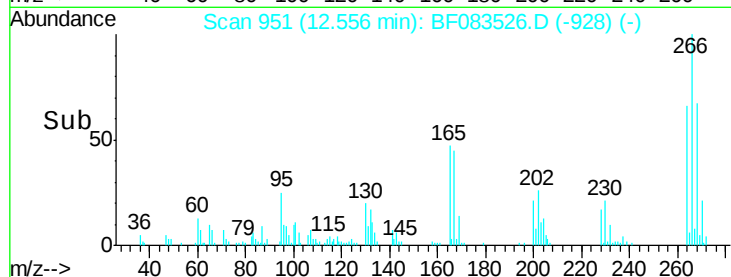
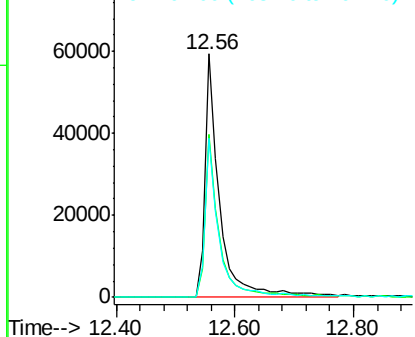
Tot Ion	Ratio	Lower	Upper
266	100		
268	67.0	50.2	75.2
264	65.5	51.4	77.2

Manual Integrations
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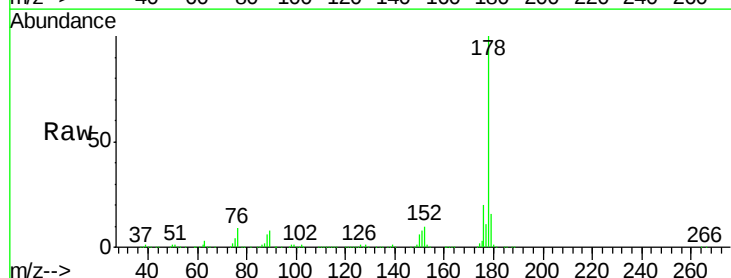


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

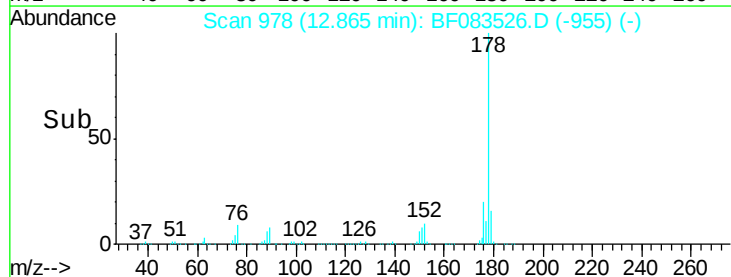
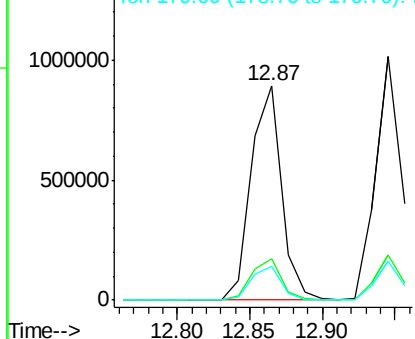


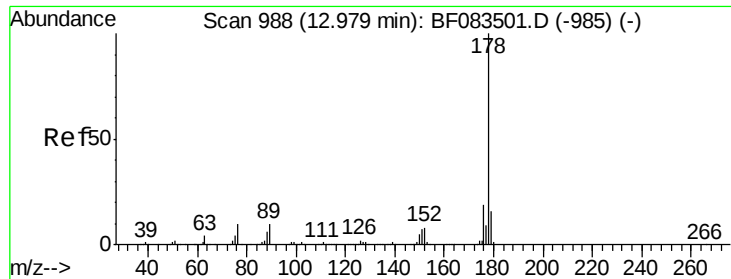
#70
 Phenanthrene
 Concen: 40.97 ng
 RT: 12.87 min Scan# 978
 Delta R.T. -0.03 min
 Lab File: BF083526.D
 Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.6	12.2	18.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 41.42 ng

RT: 12.95 min Scan# 985

Delta R.T. -0.03 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1336690

Ion Ratio Lower Upper

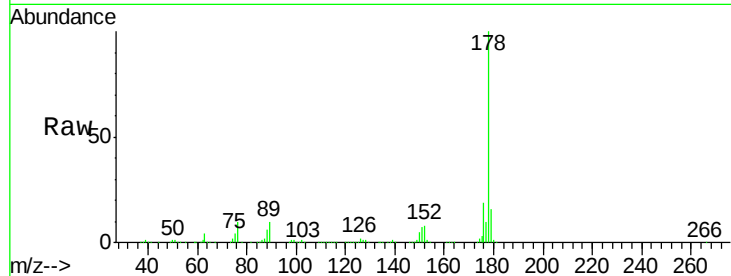
178 100

176 18.6 15.2 22.8

179 15.8 12.6 18.8

Manual Integrations
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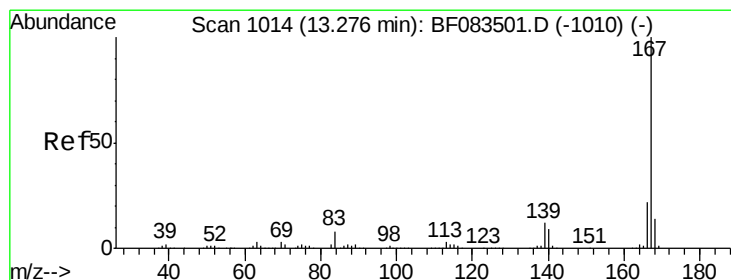
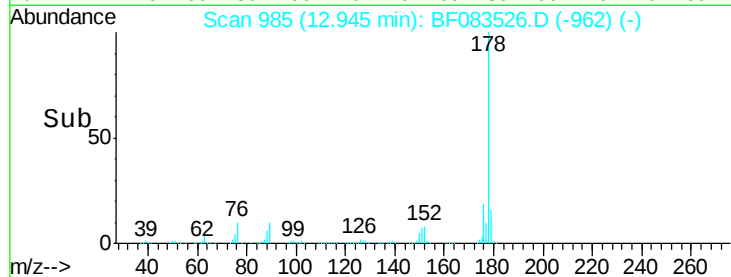
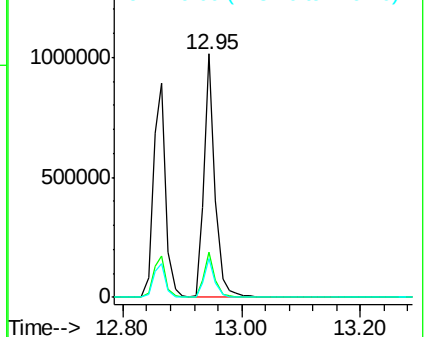
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.07 ng

RT: 13.24 min Scan# 1011

Delta R.T. -0.03 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

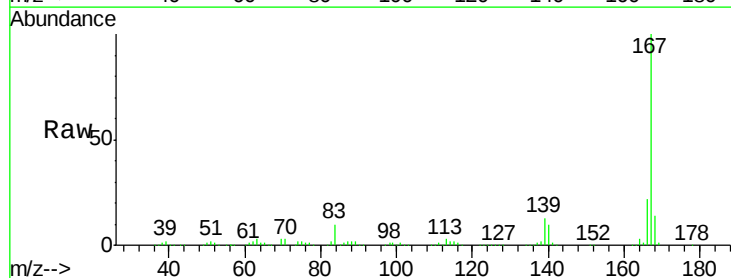
Tgt Ion:167 Resp: 1165926

Ion Ratio Lower Upper

167 100

166 22.3 17.2 25.8

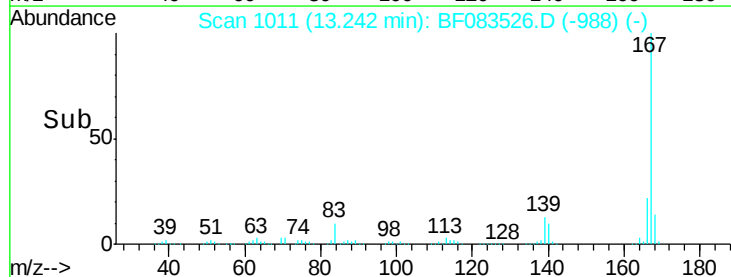
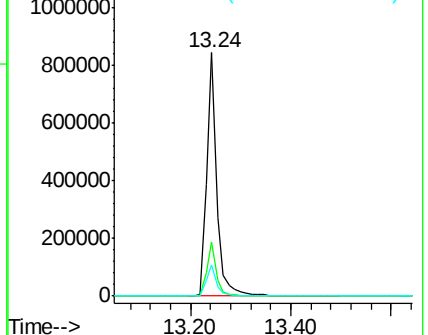
139 12.8 9.3 13.9

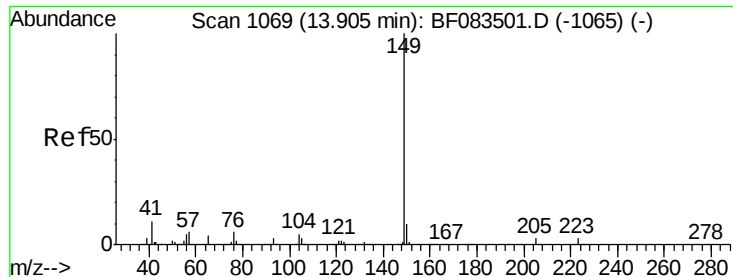


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





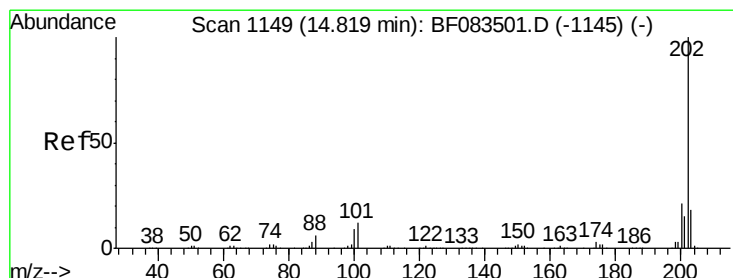
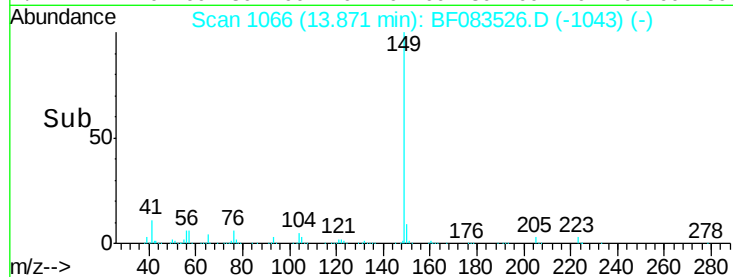
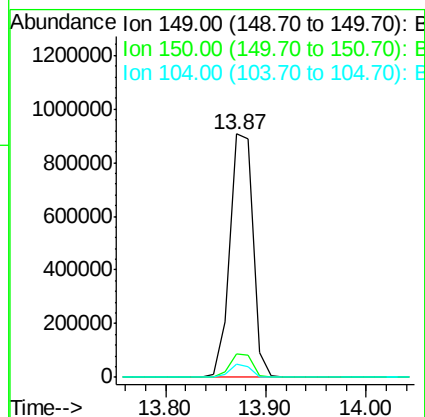
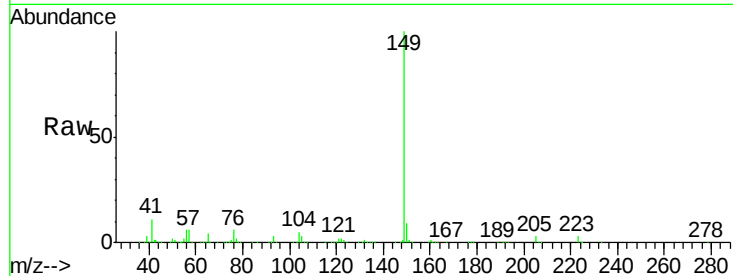
#73
Di-n-butylphthalate
Concen: 43.62 ng
RT: 13.87 min Scan# 1066
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	5.3	3.9	5.9

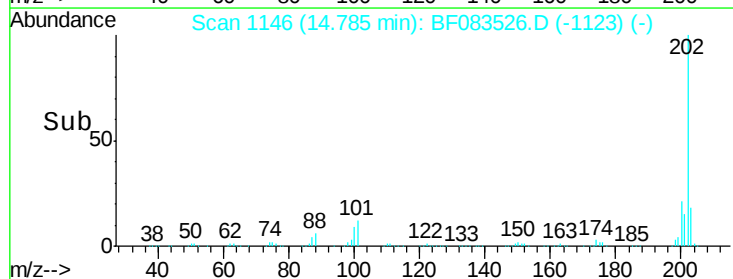
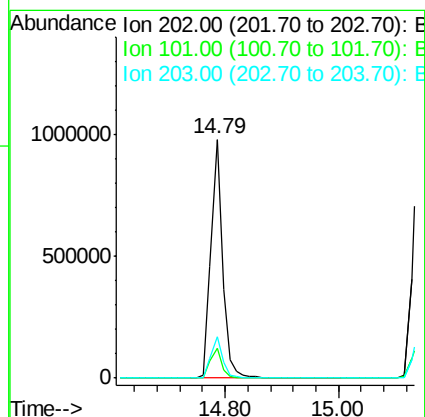
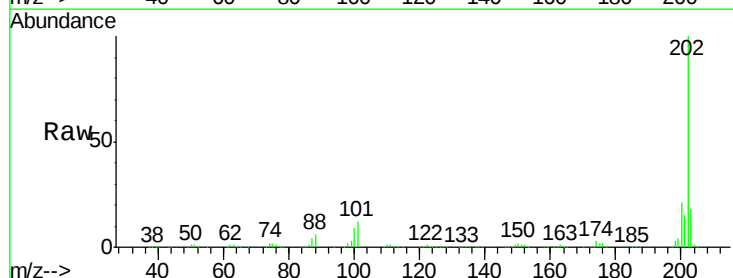
Manual Integrations
APPROVED

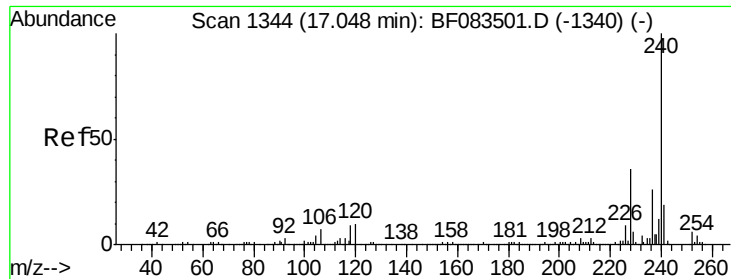
Mmdadoda
12/7/2015 6:33:17 PM



#74
Fluoranthene
Concen: 43.03 ng
RT: 14.79 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.5
203	17.5	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.03 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

Instrument :

BNA_F

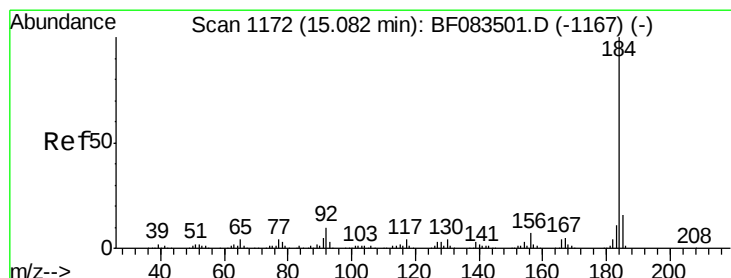
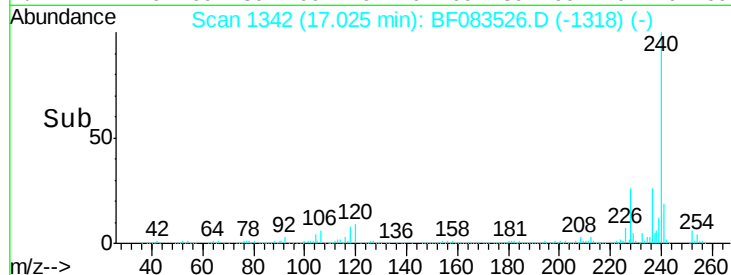
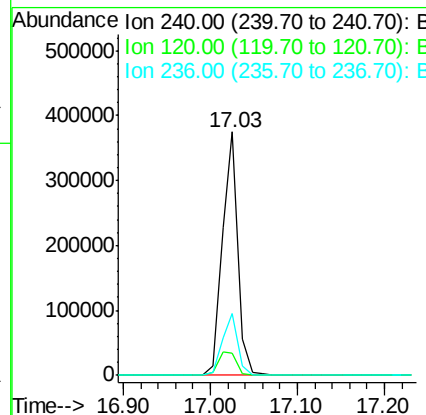
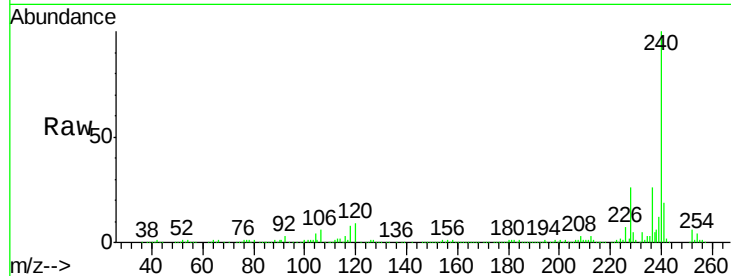
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	470209
Ion Ratio	Lower	Upper	
240	100		
120	9.0	8.1	12.1
236	25.6	20.8	31.2

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#76

Benzidine

Concen: 35.03 ng

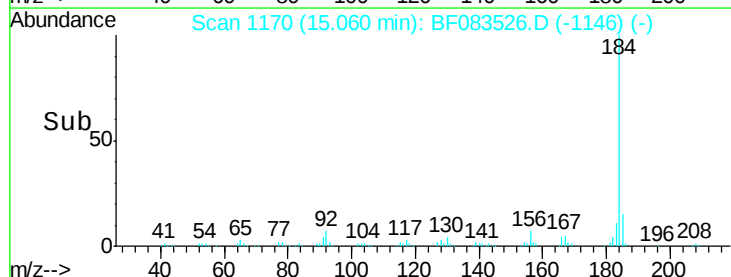
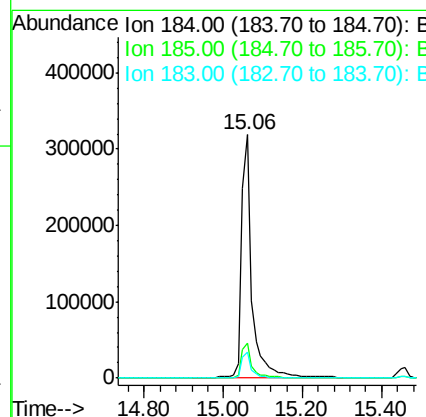
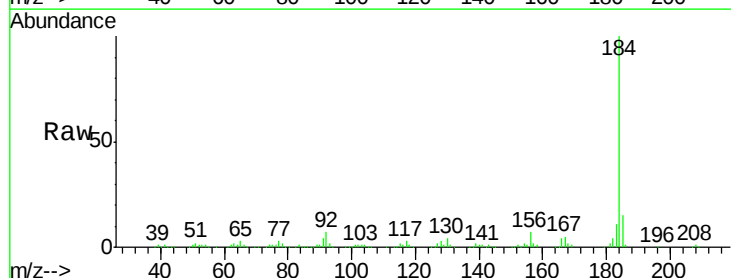
RT: 15.06 min Scan# 1170

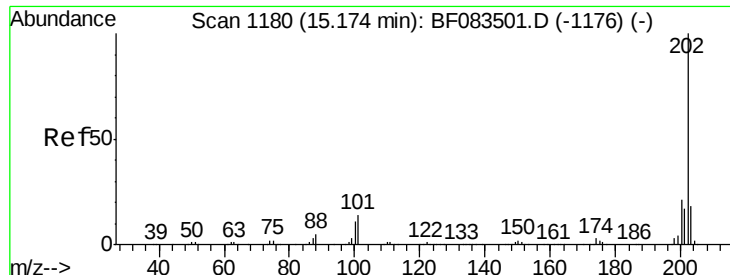
Delta R.T. -0.02 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

Tgt Ion:	184	Resp:	595177
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.0	19.6
183	10.9	9.0	13.4





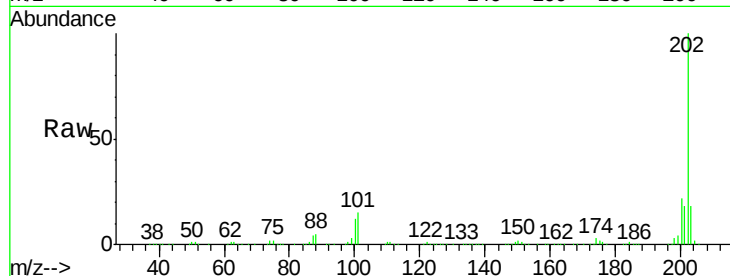
#77
Pvrene
Concen: 38.89 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

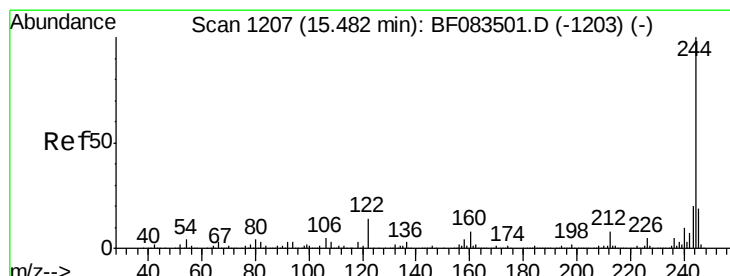
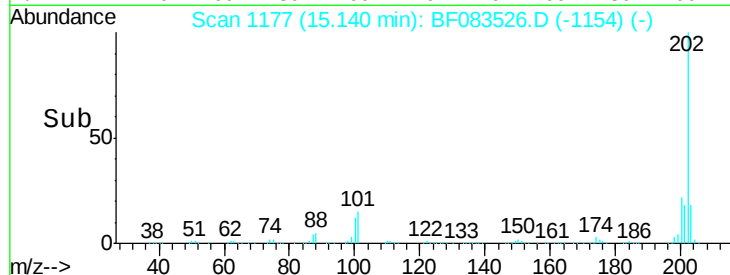
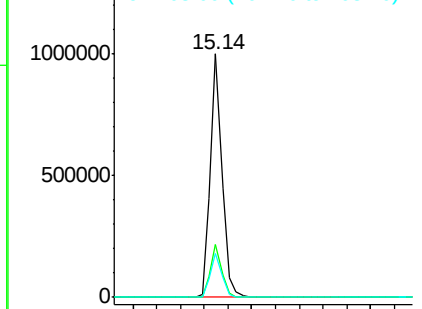
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.7	25.1
203	18.0	14.3	21.5

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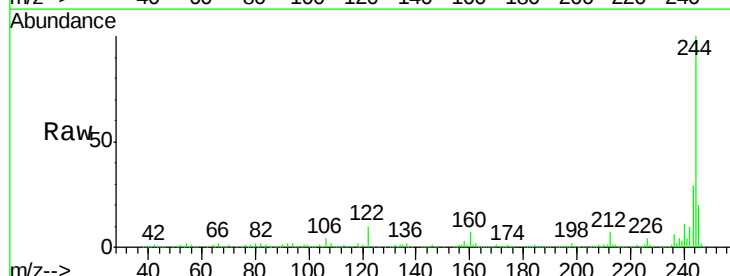


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

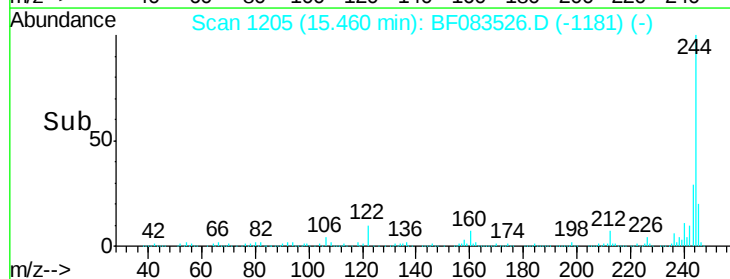
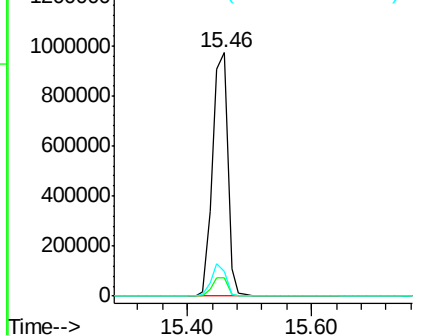


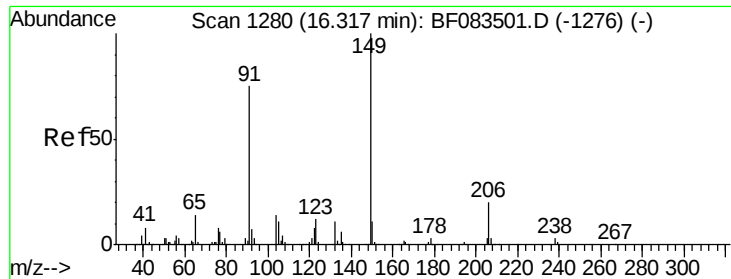
#78
Terphenyl-d14
Concen: 77.15 ng
RT: 15.46 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	10.2	11.0	16.6#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





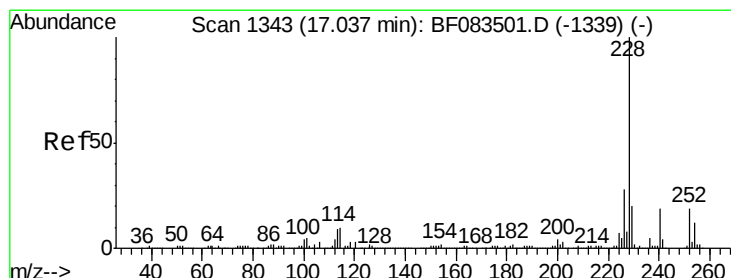
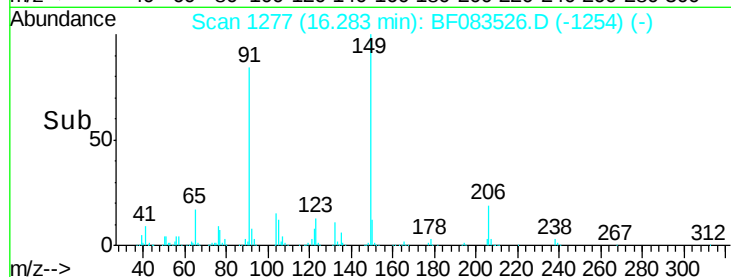
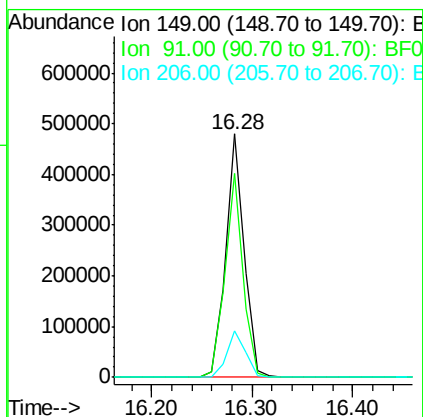
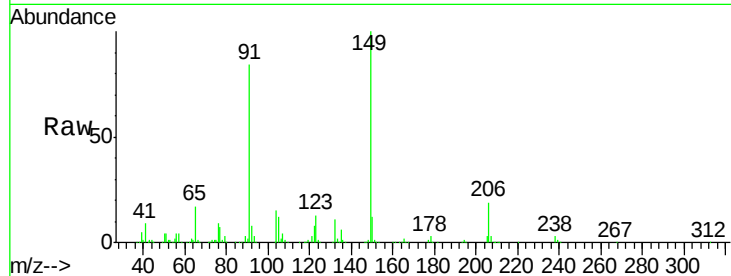
#79
Butylbenzylphthalate
Concen: 44.00 ng
RT: 16.28 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	608606		
91	83.5	60.0	90.0	
206	19.1	16.2	24.4	

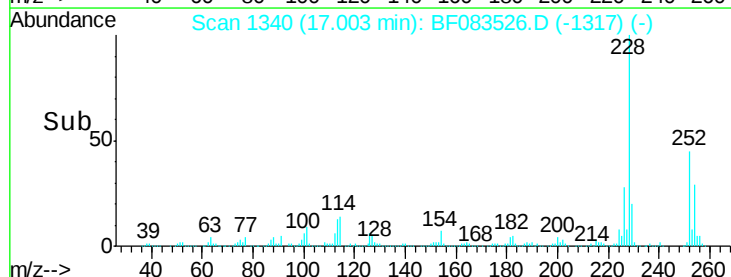
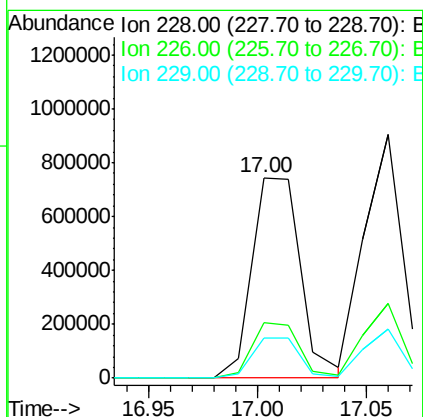
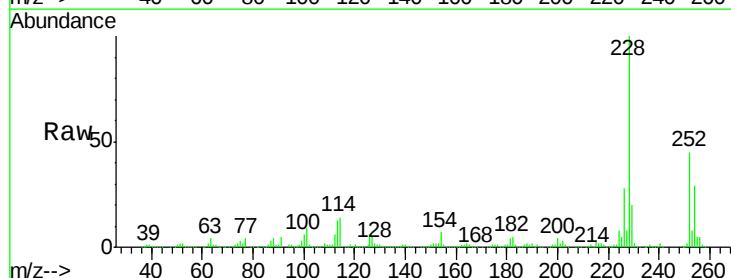
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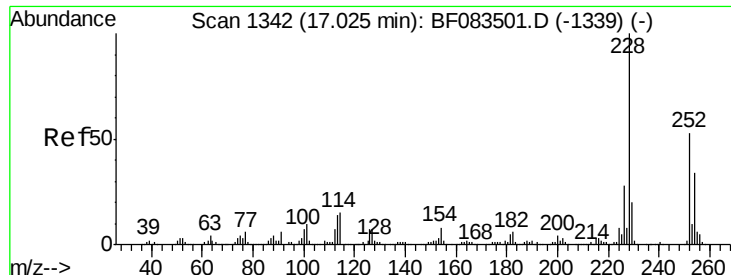
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#80
Benzo(a)anthracene
Concen: 42.05 ng
RT: 17.00 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1156769		
226	27.8	22.3	33.5	
229	20.2	15.7	23.5	





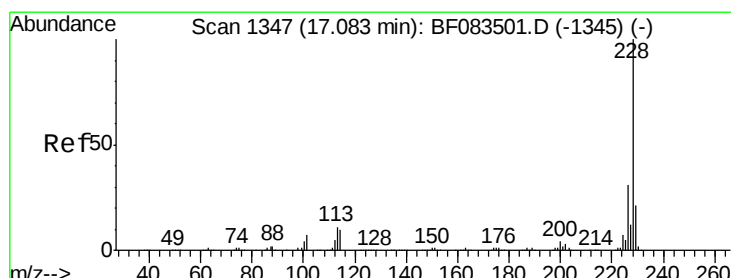
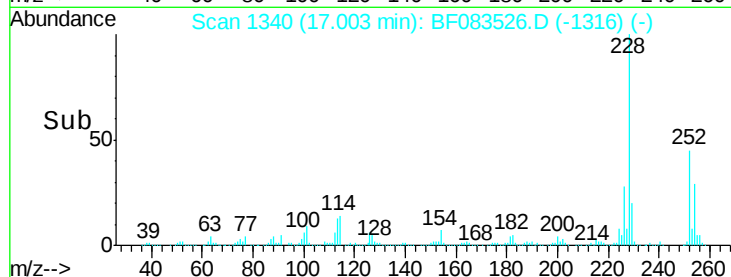
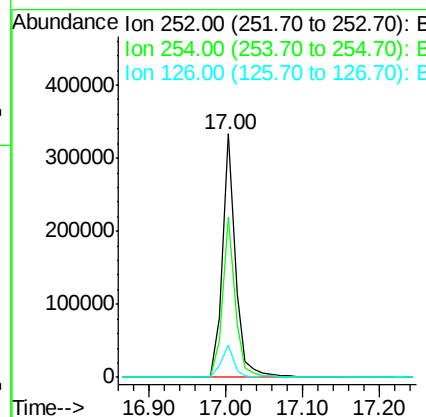
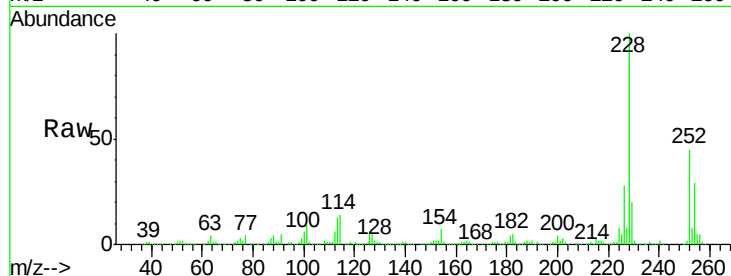
#81
 3,3'-Dichlorobenzidine
 Concen: 45.10 ng
 RT: 17.00 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF083526.D
 Acq: 6 Dec 2015 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	396887		
254	65.8	50.6	76.0	
126	13.4	11.0	16.4	

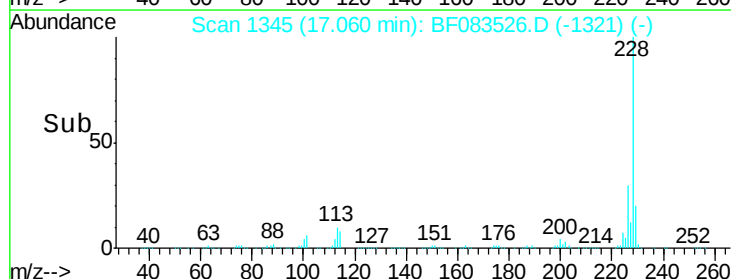
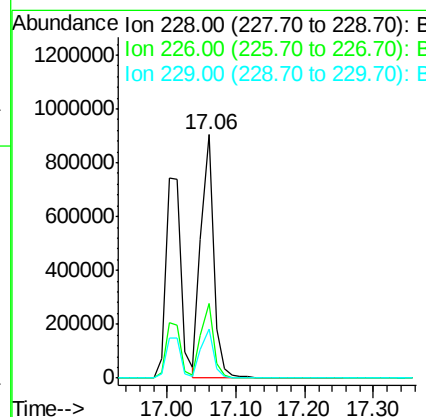
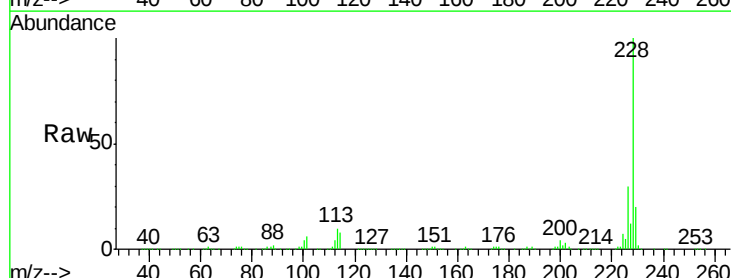
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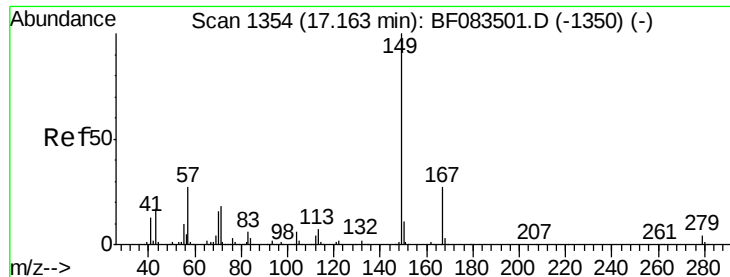
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#82
 Chrysene
 Concen: 41.60 ng
 RT: 17.06 min Scan# 1345
 Delta R.T. -0.02 min
 Lab File: BF083526.D
 Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1140250		
226	30.5	24.7	37.1	
229	19.9	16.3	24.5	





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.39 ng

RT: 17.13 min Scan# 1351

Delta R.T. -0.03 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

Instrument :

BNA_F

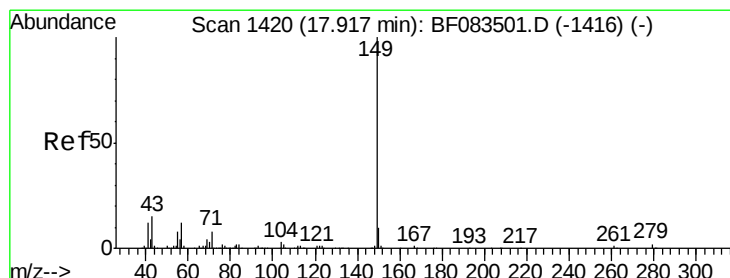
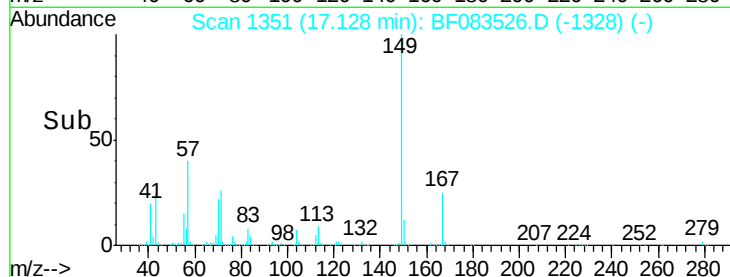
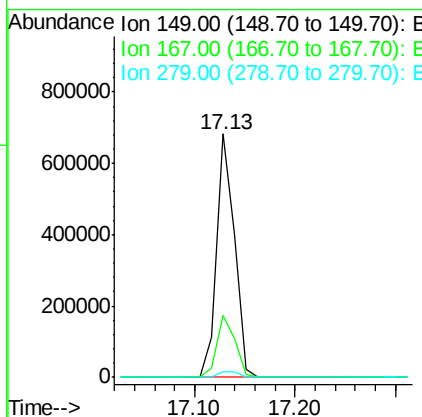
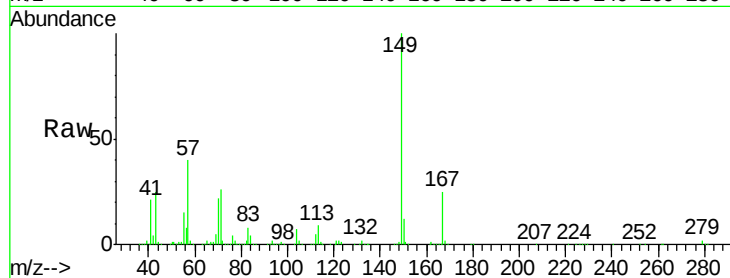
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	841961
Ion Ratio	Lower	Upper	
149	100		
167	25.4	21.8	32.8
279	2.4	3.0	4.4#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 51.64 ng

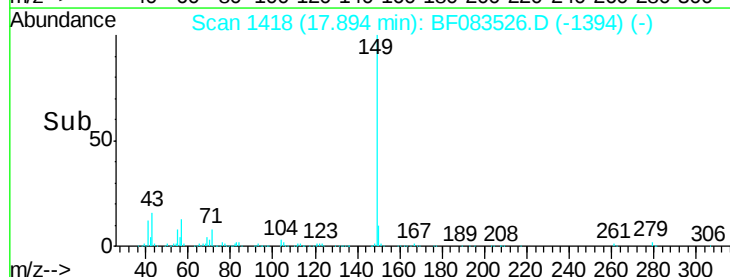
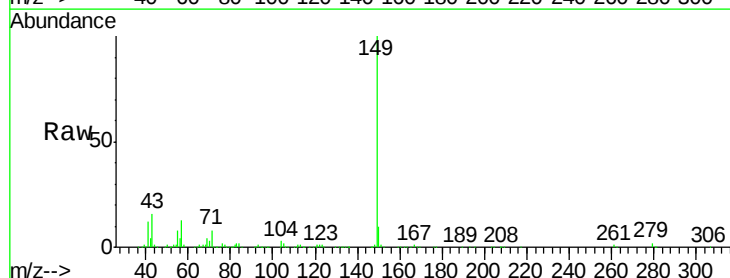
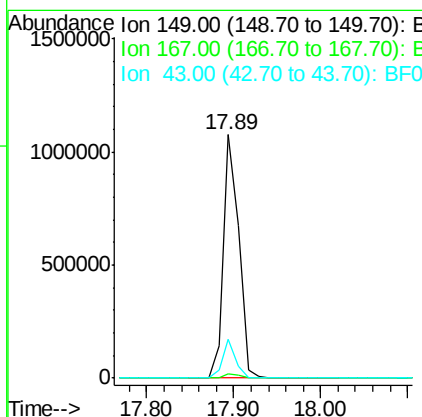
RT: 17.89 min Scan# 1418

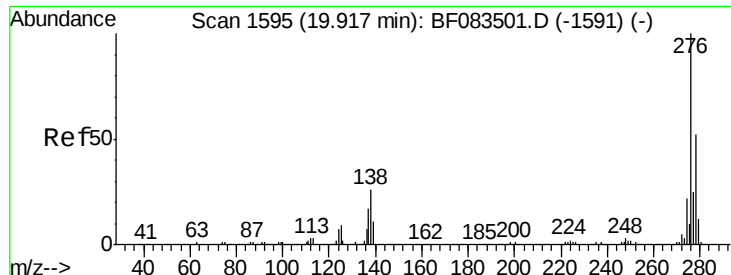
Delta R.T. -0.02 min

Lab File: BF083526.D

Acq: 6 Dec 2015 12:54

Tgt Ion:	149	Resp:	1336755
Ion Ratio	Lower	Upper	
149	100		
167	1.6	0.0	0.0#
43	13.7	0.0	0.0#





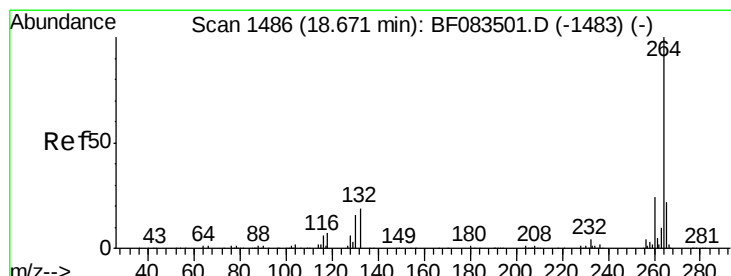
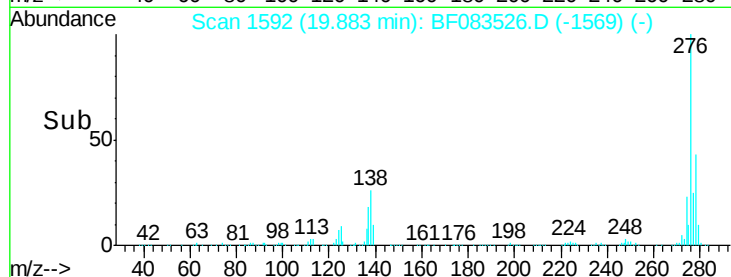
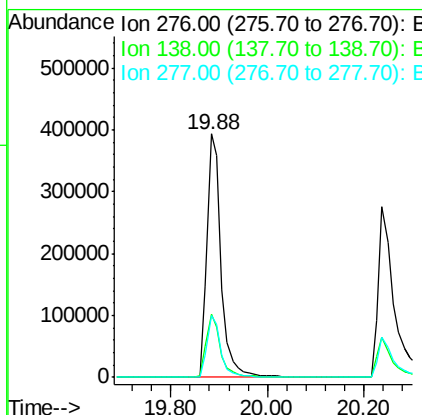
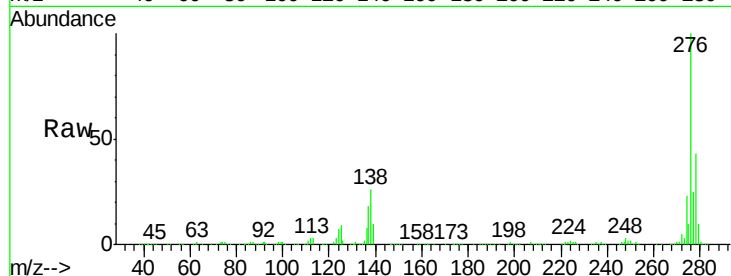
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.65 ng
RT: 19.88 min Scan# 1592
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	26.2	0.0	0.0#
277	24.5	0.0	0.0#

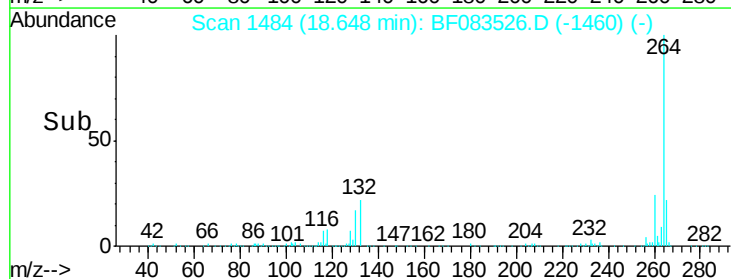
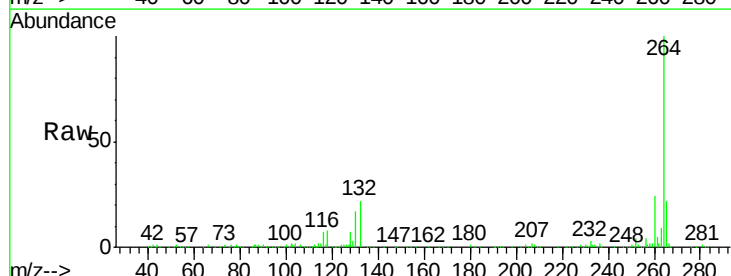
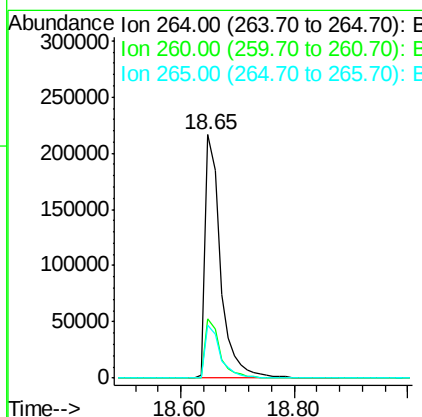
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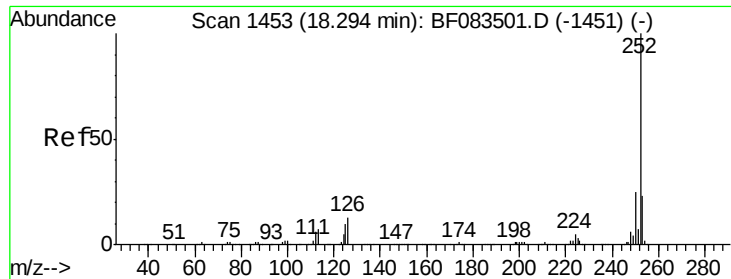
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#86
Perylene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.6	17.8	26.6





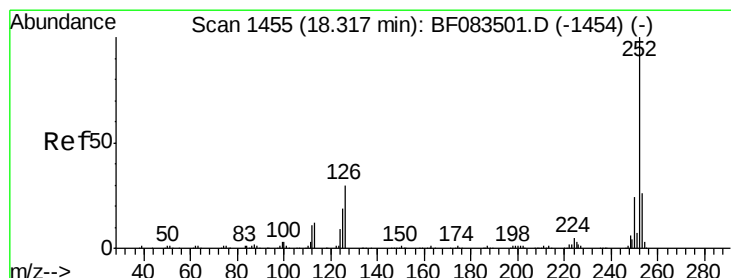
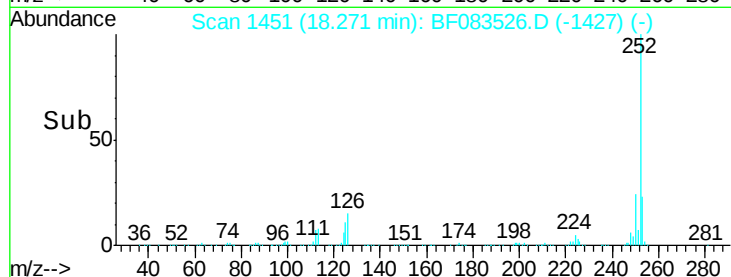
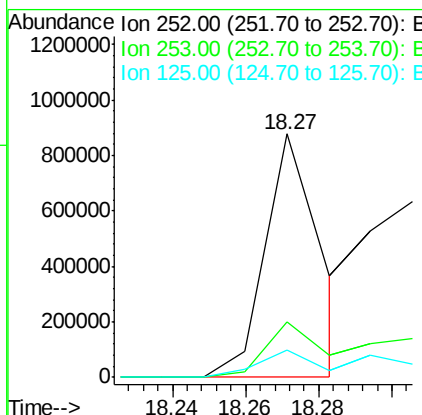
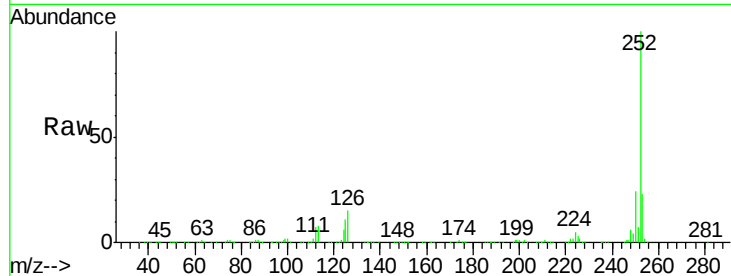
#87
Benzo(b)fluoranthene
Concen: 41.62 ng m
RT: 18.27 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	11.2	8.2	12.4

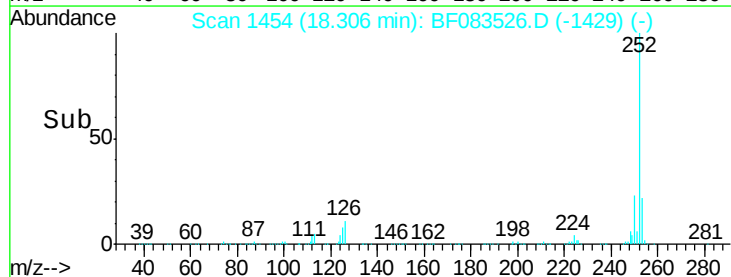
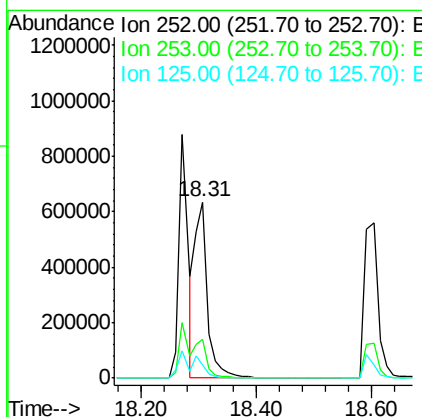
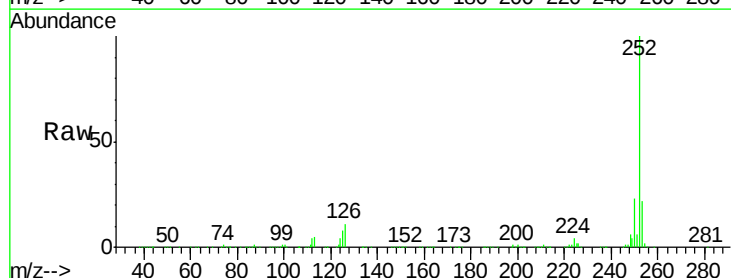
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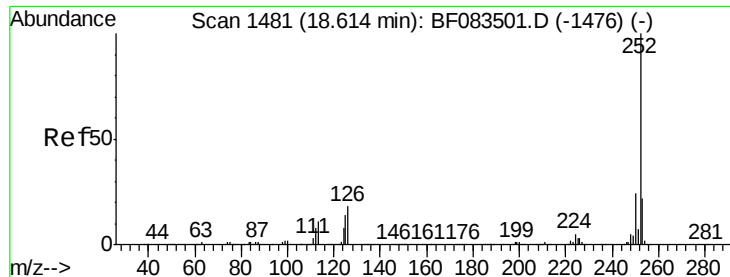
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#88
Benzo(k)fluoranthene
Concen: 45.05 ng m
RT: 18.31 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.6	27.8
125	7.8	11.5	17.3





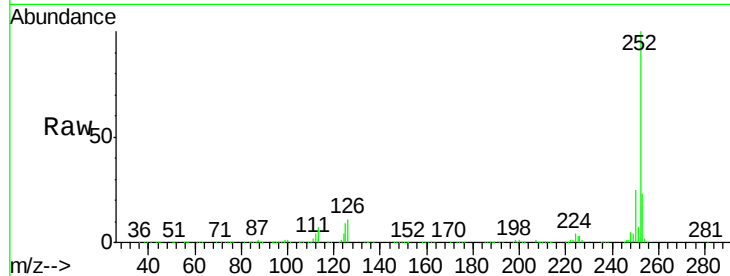
#89
Benzo(a)pyrene
Concen: 41.98 ng
RT: 18.60 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

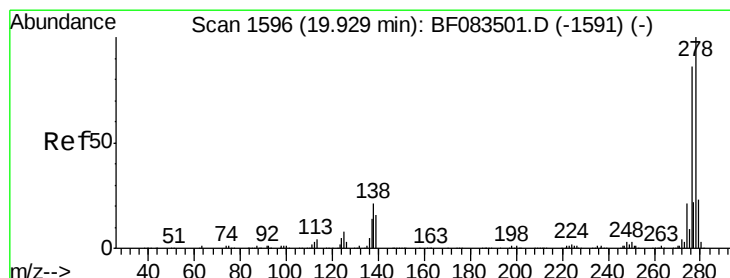
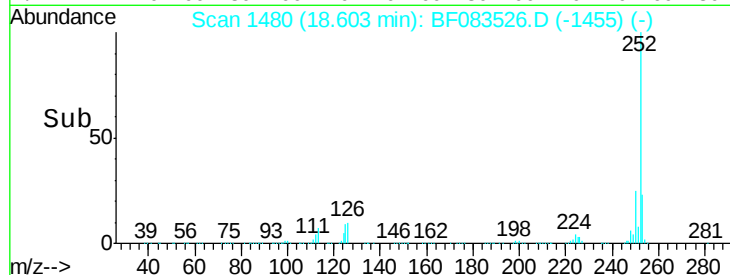
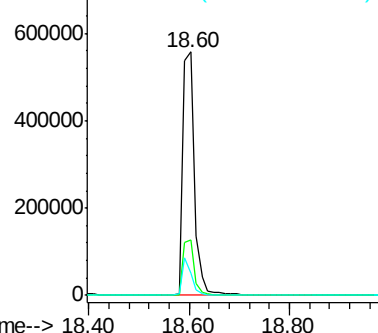
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	8.9	11.0	16.6

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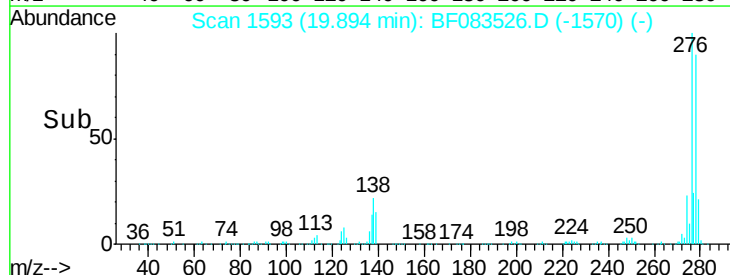
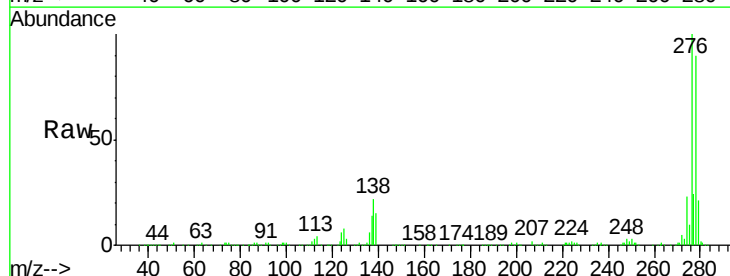
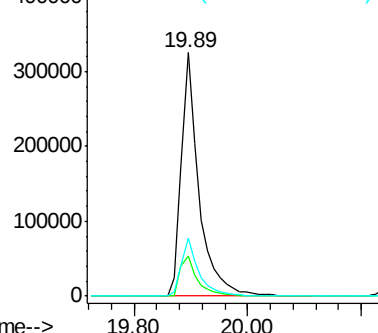
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

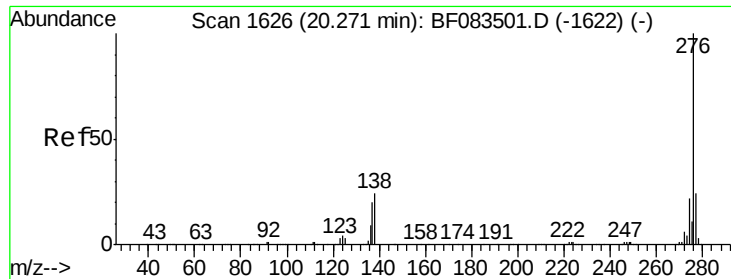


#90
Dibenzo(a,h)anthracene
Concen: 33.22 ng
RT: 19.89 min Scan# 1593
Delta R.T. -0.03 min
Lab File: BF083526.D
Acq: 6 Dec 2015 12:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.8	19.2
279	23.7	18.6	28.0

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





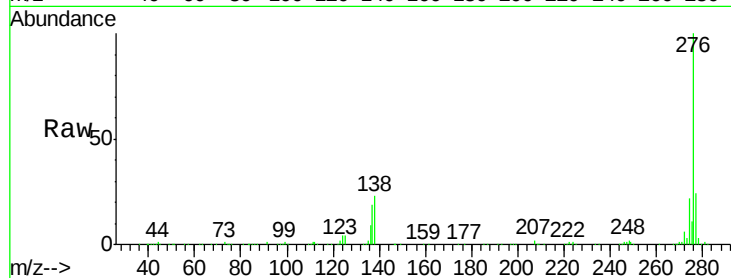
#91
 Benzo(a,h,i)perylene
 Concen: 31.73 ng
 RT: 20.24 min Scan# 1623
 Delta R.T. -0.03 min
 Lab File: BF083526.D
 Acq: 6 Dec 2015 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	659445
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.2	28.8
138	23.4	19.5	29.3

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:33:17 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

